

FORM 3

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: <u>ML-22057</u>	
		6. If Indian, Allottee or Tribe Name: <u>Not Applicable</u>	
1A. Type of Work: <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		7. Unit Agreement Name: <u>Not Applicable</u>	
B. Type of Well: <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER:</b> _____		8. Farm or Lease Name: <u>UTD State</u>	
2. Name of Operator: <u>Snyder Oil Corporation</u>		9. Well Number: <u>36-11</u>	
3. Address and Telephone Number: <u>1625 Broadway, Suite 2200; Denver, Colorado 80202</u>		10. Field and Pool, or Wildcat: <u>Eightmile Flat North</u>	
4. Location of Well (Footages) At Surface: <u>2120' FSL, 1945' FWL (NE<math>\frac{1}{4}</math>SW<math>\frac{1}{4}</math>) Section 36, T8S, R18E</u> At Proposed Producing Zone: <u>Same as above</u>		11. Qtr/Qtr, Section, Township, Range, Meridian: <u>NE<math>\frac{1}{4}</math>SW<math>\frac{1}{4}</math>, Section 36 T8S, R18E, SLB&amp;M</u>	
14. Distance in miles and direction from nearest town or post office: <u>Approximately fifteen (15) miles south of Fort Duchesne, Utah</u>		12. County: <u>Uintah</u>	13. State: <u>UTAH</u>
15. Distance to nearest property or lease line (feet): <u>1945'</u>	16. Number of acres in lease: <u>630.32</u>	17. Number of acres assigned to this well: <u>40</u>	
16. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): <u>1816.6'</u>	18. Proposed Depth: <u>5500'</u>	20. Rotary or cable tools: <u>Rotary</u>	
21. Elevations (show whether DF, FT, GR, etc.): <u>4809' GR</u>		22. Approximate date work will start: <u>December 1, 1994</u>	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20 "	16 " Steel	Conductor	0- 60'	5 yards of redi-mix
12-1/4"	9-5/8" J-55	24.0#	0- 300'	300 sx circulated to surface
7-7/8"	5-1/2" M-75	15.5#	0-5500'	617 sx cement

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.

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS & BOP DIAGRAM

24. Robert M. Anderson (Signature)  
Name & Signature: \_\_\_\_\_ Title: Authorized Agent  
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 11/17/94  
BY: J. Matthews  
WELL SPACING: R649-3-2

(This space for State use only)

API Number Assigned: 43-047-32580

Approval: \_\_\_\_\_

# T8S, R18E, S.L.B.&M.

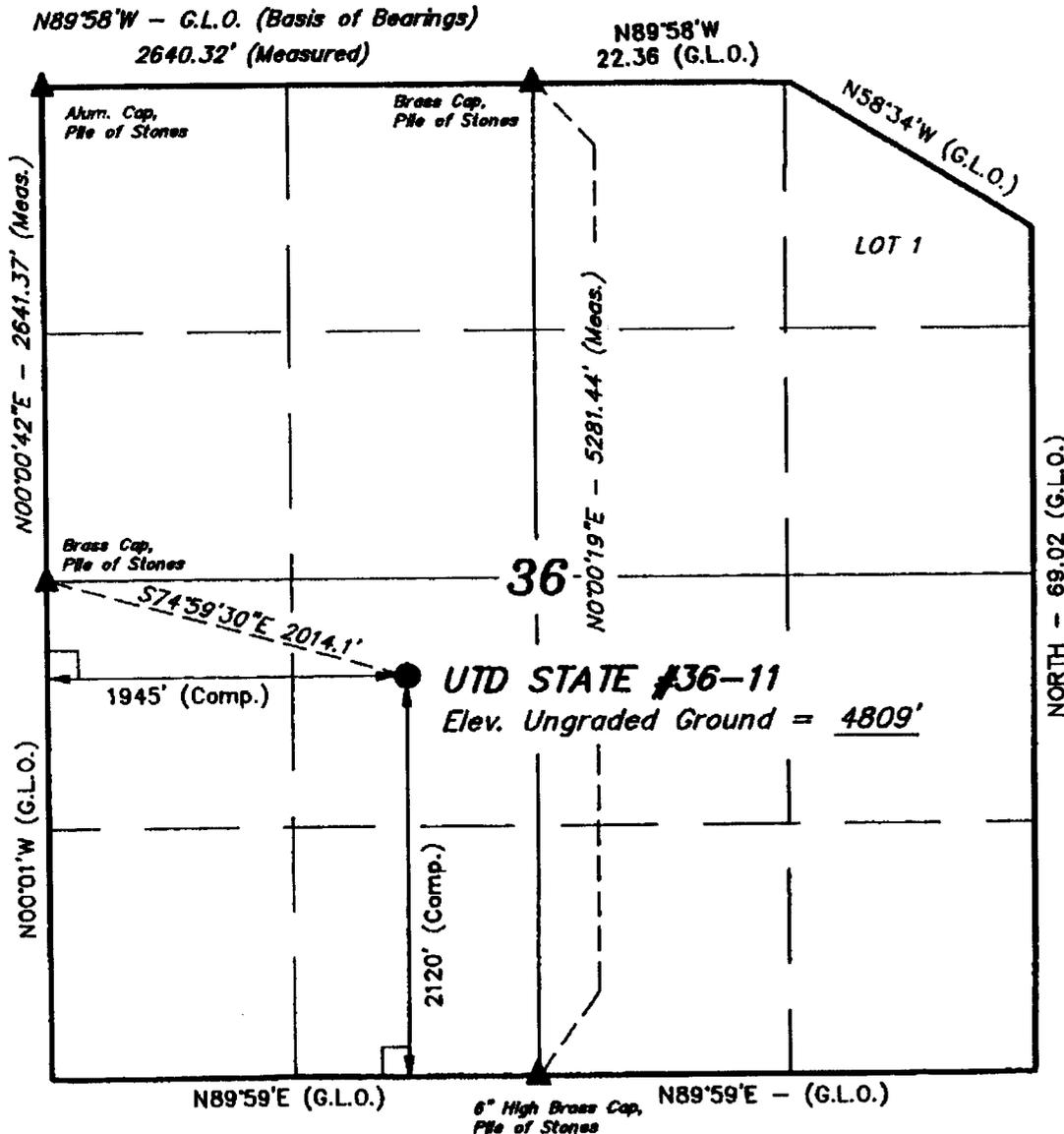
## SNYDER OIL CORP.

Well location, UTD STATE #36-11, located as shown in the NE 1/4 SW 1/4 of Section 36, T8S, R18E, S.L.B.&M. Uintah County, Utah.

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NOV-15-1994 16:25

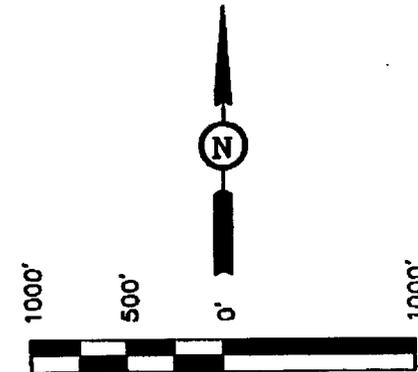
ANDERSON ENVIRONMENTAL

1 307 234 6775 P.03



### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 36, T8S, R18E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE, QUADRANGLE, UTAH, 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 4949 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. King*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161318  
 STATE OF UTAH

### LEGEND:

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-15-94	DATE DRAWN: 10-17-94
PARTY J.F. D.G. D.J.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SNYDER OIL CORP.	

HEITZMAN DRILL-SITE SERVICES  
P.O. BOX 3579  
CASPER, WYOMING 82602  
(307) 266-4840

**FAX TRANSMISSION**

TO : Mr. Frank Matthews  
STATE OF UTAH  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203  
Fax # (801) 359-3940

FROM : Robert M. Anderson

DATE : November 15, 1994

This transmission consists of 26 pages, including this one. If you have trouble receiving this Fax, please call (307) 473-1268. Fax # (307) 234-6775.

Frank;

Snyder Oil Corporation would appreciate DOGM expediting the review and approval of the attached Application for Permit to Drill, hard copies will follow in the mail tomorrow morning. If you have any questions regarding the above, please do not hesitate to give me a call.

Thanks,

Bob

**SNYDER OIL CORPORATION**  
**State Lease #ML-22057, UTD State #36-11**  
**NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 36, T8S, 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

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### 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.

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### 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. 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.
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.

#### F. Miscellaneous Information:

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 State #36-11.

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.

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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-75	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.

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 300 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.

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4. THE PROPOSED CASING AND CEMENTING PROGRAM

B. Cementing Program: Continued

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

<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 state lands without prior approval of the Utah Division of Oil, Gas and Mining in order to ensure adequate protection of fresh water aquifers.

6. EVALUATION PROGRAM

<u>Logs</u>	:	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 Utah Division of Oil, Gas and Mining.

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#### 6. EVALUATION PROGRAM - Continued

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.

#### 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.

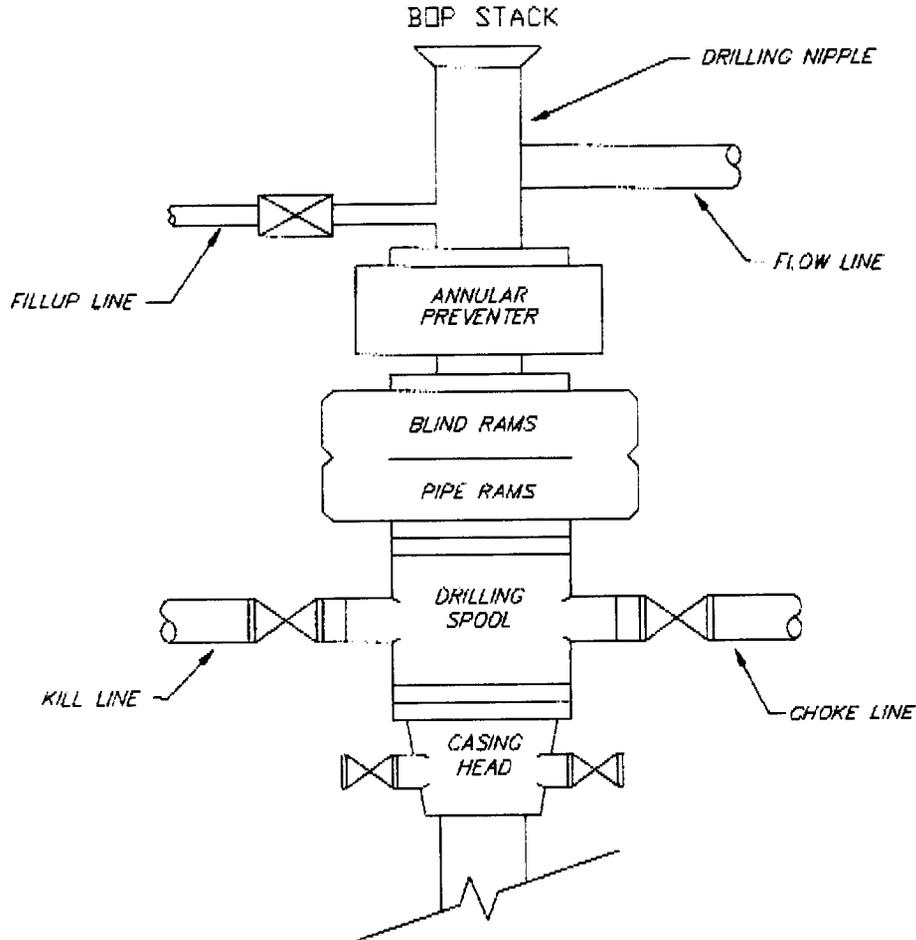
Maximum anticipated bottom hole pressure equals approximately 2,750 psi (calculated at 0.50 psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,540 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

#### 8. ANTICIPATED STARTING DATES

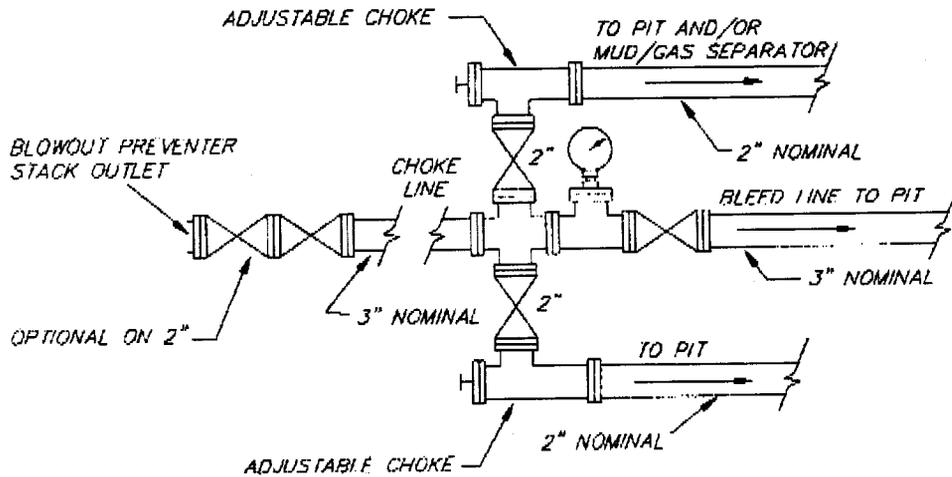
Anticipated Commencement Date	-	December 1, 1994
Drilling Days	-	Approximately 7 Days
Completion Days	-	Approximately 7 days

# SNYDER OIL CORPORATION

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



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



**SNYDER OIL CORPORATION**  
State Lease #ML-22057, UTD State #36-11  
NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 36, T8S, R18E  
Uintah County, Utah

**MULTI-POINT SURFACE USE AND OPERATIONS PLAN**

**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 city of Vernal, Utah; proceed generally west approximately 15.0 miles on U.S. Highway 191 (a paved U.S. Highway), thence generally south approximately 6.4 miles on an existing paved road (an upgraded Uintah County Road), thence continuing generally south approximately 6.9 miles on an existing Uintah County road (crowned & ditched with a gravel surface), thence generally southeast approximately 2.0 miles on an existing, upgraded oilfield road (crowned & ditched with a native soil surface), thence generally south/southeast approximately 0.8 miles on an existing, upgraded oilfield road (crowned & ditched with a native soil surface), thence generally west approximately 0.5 miles on an existing bladed trail, thence northwest approximately 0.3 miles to the proposed UTD State #36-11 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 State #36-11 well location.

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

Approximately 0.5 miles of bladed trail will require upgrading and approximately 0.3 miles of new road construction will be required for access to the proposed UTD State #36-11 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 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.

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2. PLANNED ACCESS ROADS - Continued

- B. Construction standard - 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.
- C. Maximum grade - eight (8) 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 - no culverts will be required along the access road route. There are no major cuts and/or fills 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. 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.

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

The access road right-of-way will be kept free of trash during all operations.

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

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

- A. Water wells - none known.
- B. Abandoned wells - NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 36, T8S, R18E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 36, T8S, 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 - NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 36, T8S, R18E.  
 NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 36, T8S, R18E.
- 2. Production facilities - same as Item #4A1, above.
- 3. Oil gathering lines - none known.
- 4. Gas gathering lines - same as Item #4A1, above.

**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 State #36-11 well location, production facilities will require an area approximately 250' X 125'.
- 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.

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

B. New Facilities Contemplated - Continued

3. 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 Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.

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.

- 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 #8).
- 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, Utah Department of Natural Resources, Division of Oil, Gas and Mining (DOGM).

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).

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**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 State #36-11 well location. No new road construction will be required on/along the proposed water haul route.
- 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 #2) for information regarding any construction materials which may be required for on the access road.

- B. No construction materials will be taken from State, 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.
- 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.

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UTD State #36-11  
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## 7. METHODS OF HANDLING WASTE MATERIALS - Continued

- B. Drilling fluids - 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 ninety (90) 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, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted to the Utah Division of Oil, Gas and Mining for review and approval as applicable.

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.

- 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.

Snyder Oil Corporation  
UTD State #36-11  
Surface Use & Operations Plan  
Page 7

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

- E. Garbage and other waste material - 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.

**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 (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 State #36-11 well location. 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 for approval prior to the commencement of installation operations. Please refer to Item #4B2 (page #3) for additional information in this regard.

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UTD State #36-11  
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9. WELLSITE LAYOUT - Continued

- 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.

- 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.
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.

- F. 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.

Snyder Oil Corporation  
UTD State #36-11  
Surface Use & Operations Plan  
Page 9

#### 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.
  - 2. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.
  - 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 as soon as possible after well completion, weather permitting.
  - 5. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 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).

Snyder Oil Corporation  
UTD State #36-11  
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## 10. PLANS FOR RECLAMATION OF THE SURFACE

### C. Producing Operations: Continued

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, Utah Department of Natural Resources, Division of Oil, Gas and Mining (DOGM).

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, with shrub seeds planted in rows separate from the grass seed, unless otherwise directed by the Authorized Officer, DOGM.

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.

9. Fall seeding will be completed after September 15th and prior to ground frost. If applicable, spring seeding will be completed after the frost has left the ground and prior to May 15th.

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, DOGM will formulate the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

Snyder Oil Corporation  
UTD State #36-11  
Surface Use & Operations Plan  
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## 11. SURFACE OWNERSHIP

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

State of Utah  
Department of Natural Resources  
Division of State Lands and Forestry  
355 West North Temple, Suite 400  
Salt Lake City, Utah 84180-1204  
Telephone: (801) 538-5508

## 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 natural 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. 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, mountain lions, 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 State #36-11 well location.

### B. Surface Use Activities:

The primary surface use is for livestock grazing.

Snyder Oil Corporation  
UTD State #36-11  
Surface Use & Operations Plan  
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**12. OTHER INFORMATION - Continued**

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

1. The closest source of permanent water is the Duchesne River, located approximately thirteen (13) mile north of the proposed well location.
2. The closest occupied dwellings are located approximately fifteen (15) miles to the north of the proposed well location in the community of Fort Duchesne, Utah.
3. 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. Operations will not resume until written authorization to proceed is issued by the Authorized Officer.

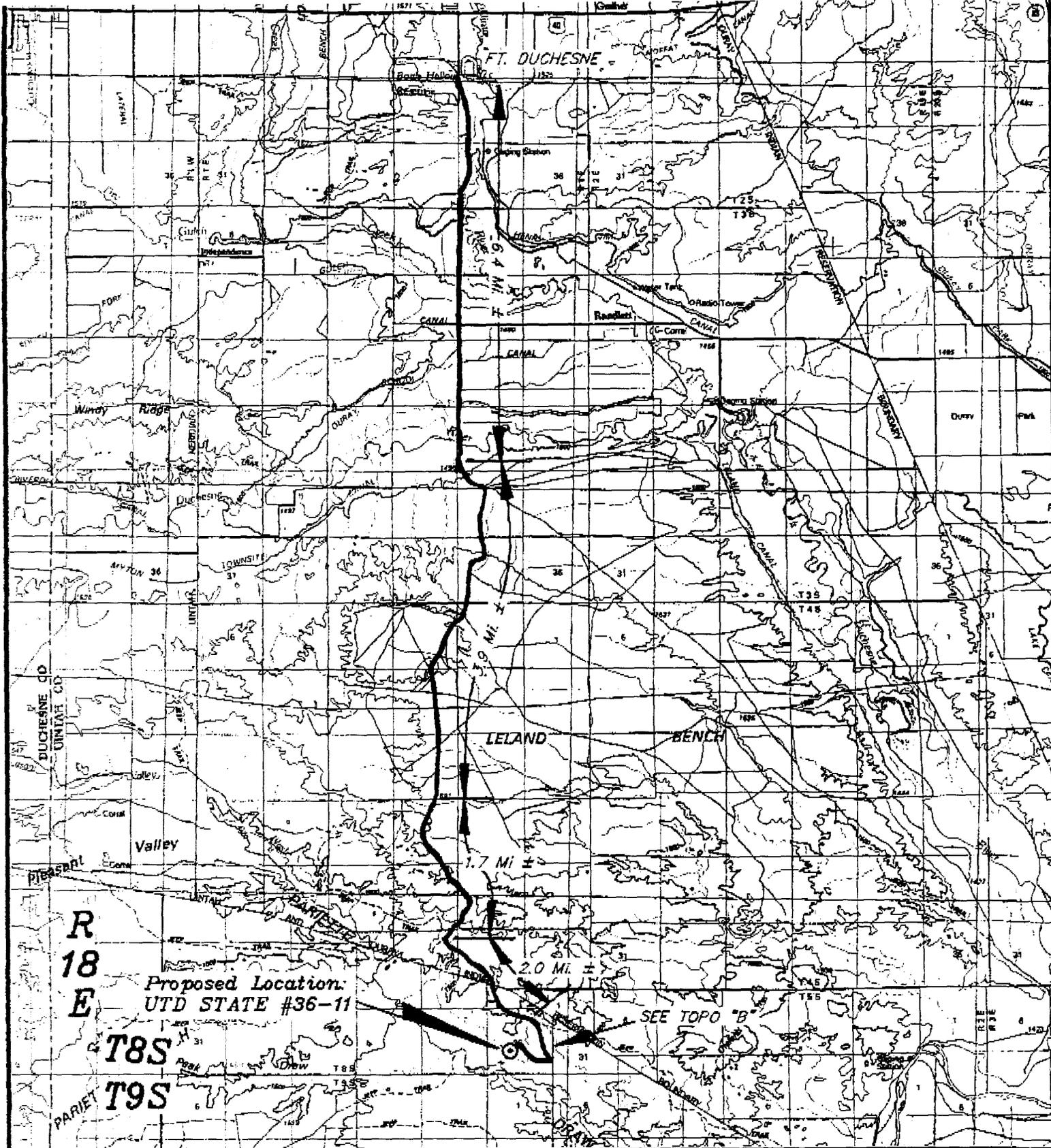
**13. LESSEE'S OR OPERATOR'S REPRESENTATIVE**

**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.



R  
18  
E

Proposed Location:  
UTD STATE #36-11

T8S  
T9S

SEE TOPO "B"

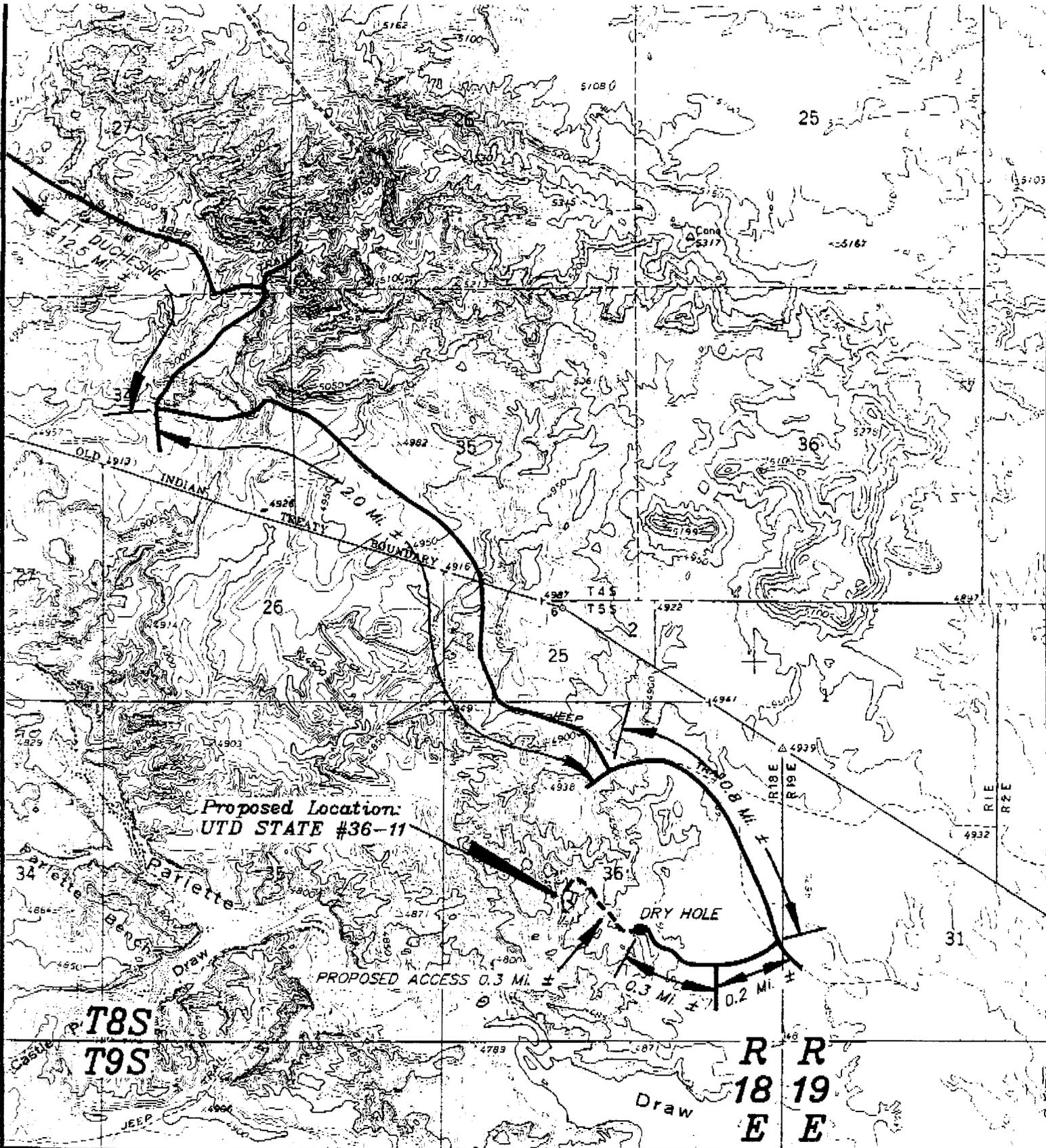
TOPOGRAPHIC  
MAP "A"



SNYDER OIL CORP.

UTD STATE #36-11  
SECTION 36, T8S, R18E, S.L.B.&M.  
2120' FSL 1945' FWL

DATE: 10/19/94 D.C.



TOPOGRAPHIC  
MAP "B"

SCALE: 1"=2000'

DATE: 10/19/94 D.C.



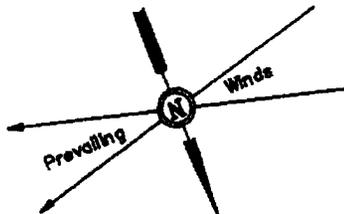
SNYDER OIL CORP.

UTD STATE #36-11  
SECTION 36, T8S, R18E, S.L.B.&M.  
2120' FSL 1945' FWL

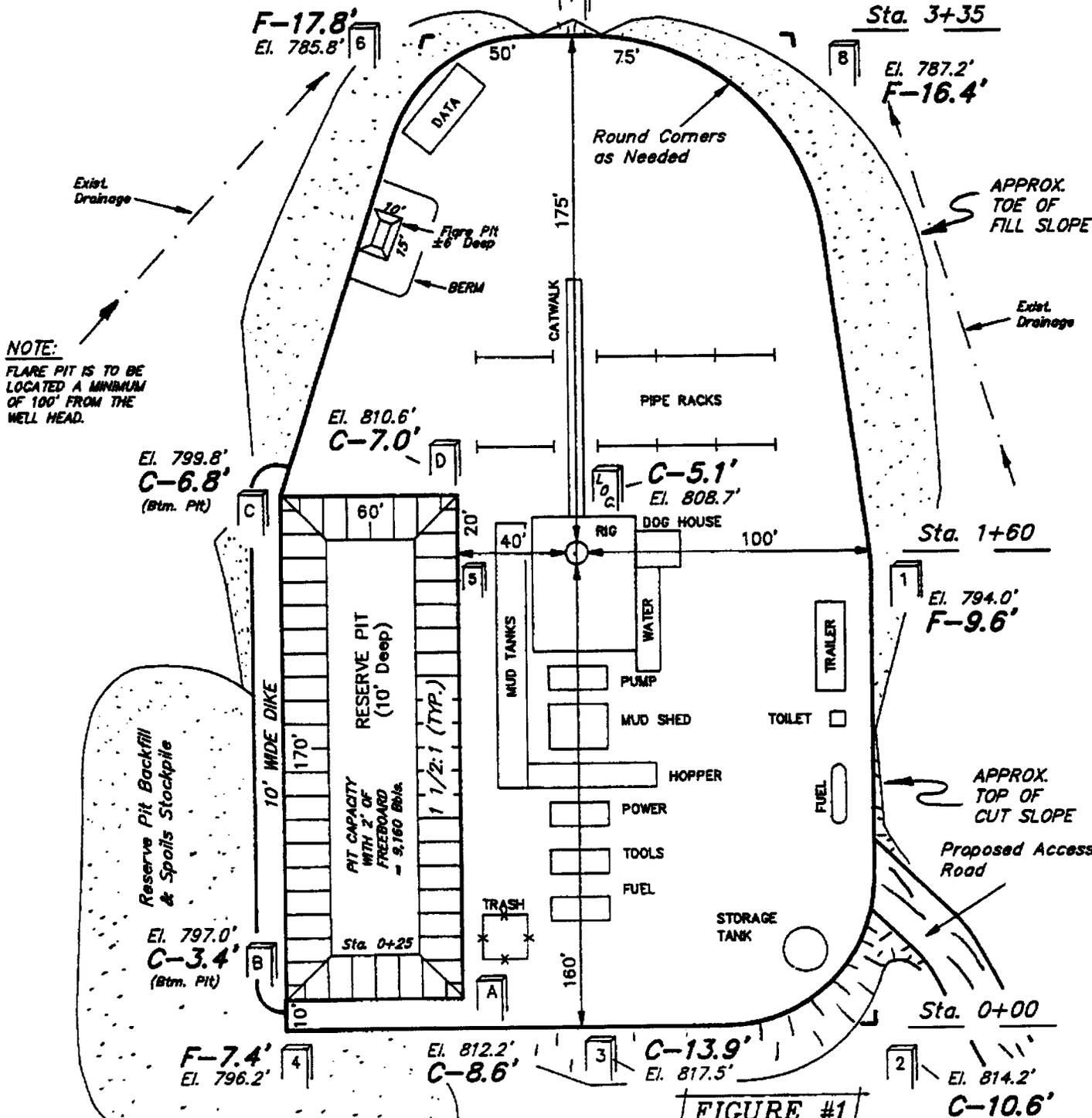
# SNYDER OIL CORP.

## LOCATION LAYOUT FOR

UTD STATE #36-11  
SECTION 36, T8S, R18E, S.L.B.&M.  
2120' FSL 1945' FWL



SCALE: 1" = 50'  
DATE: 10-17-94  
Drawn By: D.J.S.



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

Elev. Ungraded Ground at Location Stake = 4808.7'  
Elev. Graded Ground at Location Stake = 4803.6'

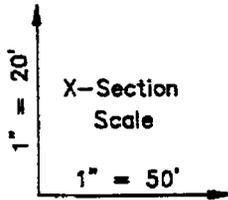
**FIGURE #1**

**SNYDER OIL CORP.**

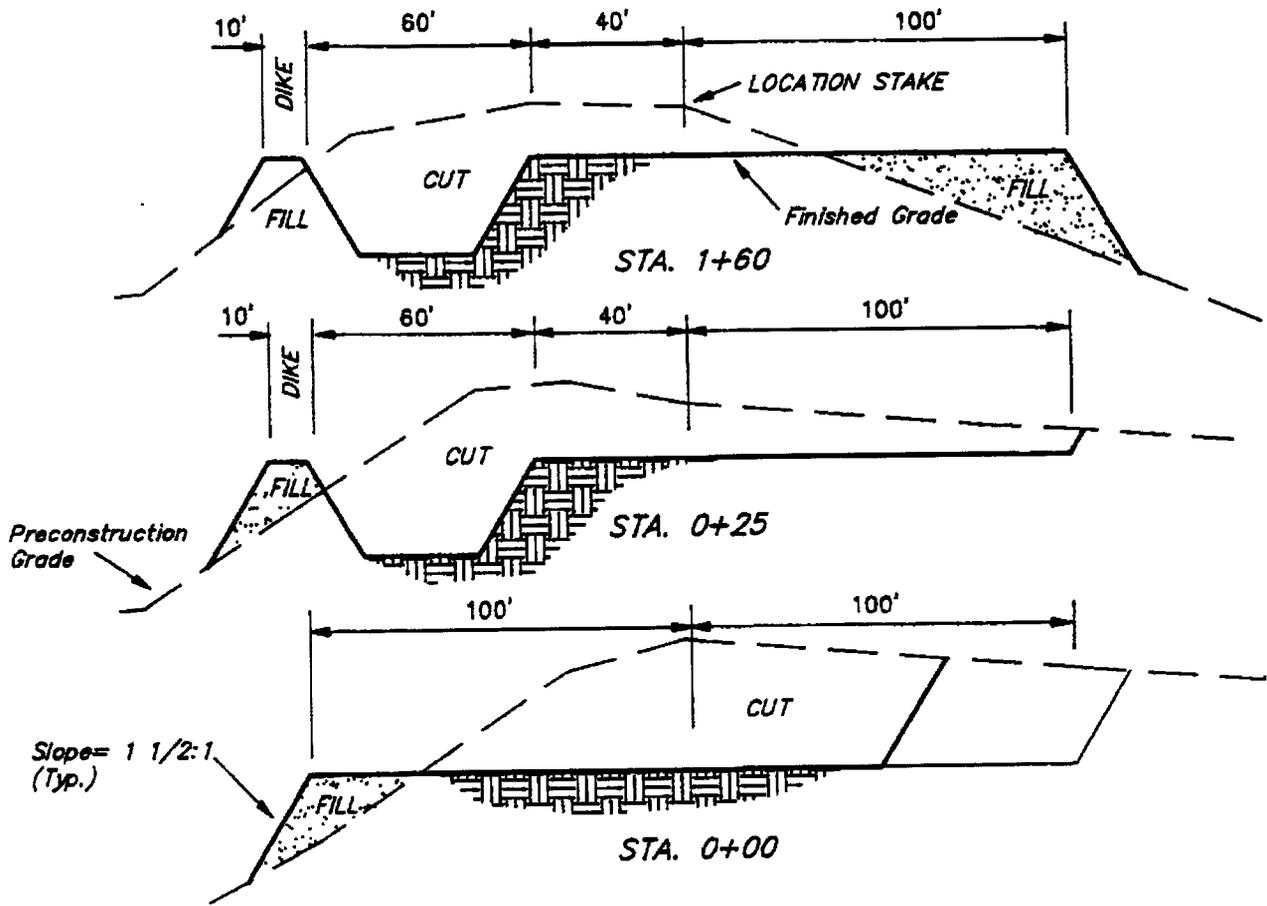
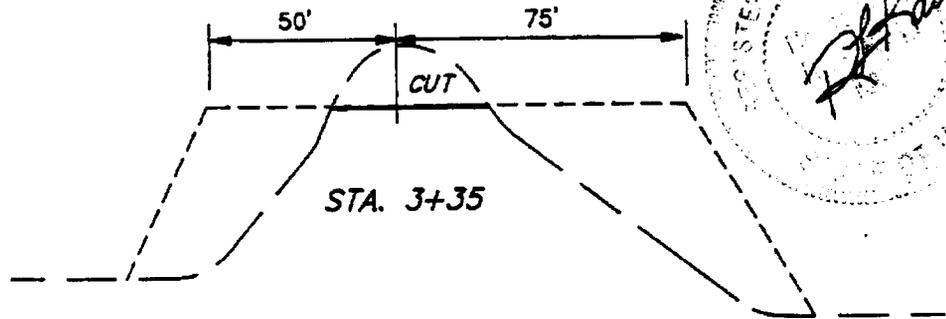
**TYPICAL CROSS SECTIONS FOR**

UTD STATE #36-11  
 SECTION 36, T8S, R18E, S.L.B.&M.  
 2120' FSL 1945' FWL

**FIGURE #2**



DATE: 10-17-94  
 Drawn By: D.J.S.



**APPROXIMATE YARDAGES**

CUT

TOTAL CUT = 9,810 CU.YDS.  
 FILL = 8,070 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 1,310 Cu. Yds.  
 Topsoil & Pit Backfill = 1,310 Cu. Yds.  
 (1/2 Pit Vol.)  
 EXCESS CUT MATERIAL = 0 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/15/94

API NO. ASSIGNED: 43-047-32580

WELL NAME: UTD STATE 36-11  
OPERATOR: SNYDER OIL CORP (N1305)

PROPOSED LOCATION:  
NESW 36 - T08S - R18E  
SURFACE: 2120-FSL-1945-FWL  
BOTTOM: 2120-FSL-1945-FWL  
UINTAH COUNTY  
EIGHTMILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: 11/04/94		
TECH REVIEW	Initials	Date
Engineering	<i>JAM</i>	11/17/94
Geology	<i>BA</i>	11/17/94
Surface	<i>DH</i>	11/17/94

LEASE TYPE: STA  
LEASE NUMBER: ML-22057

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal[] State[] Fee[]  
(Number WY-2272)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
(Number 43-1721)
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

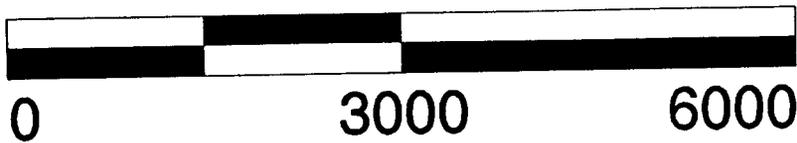
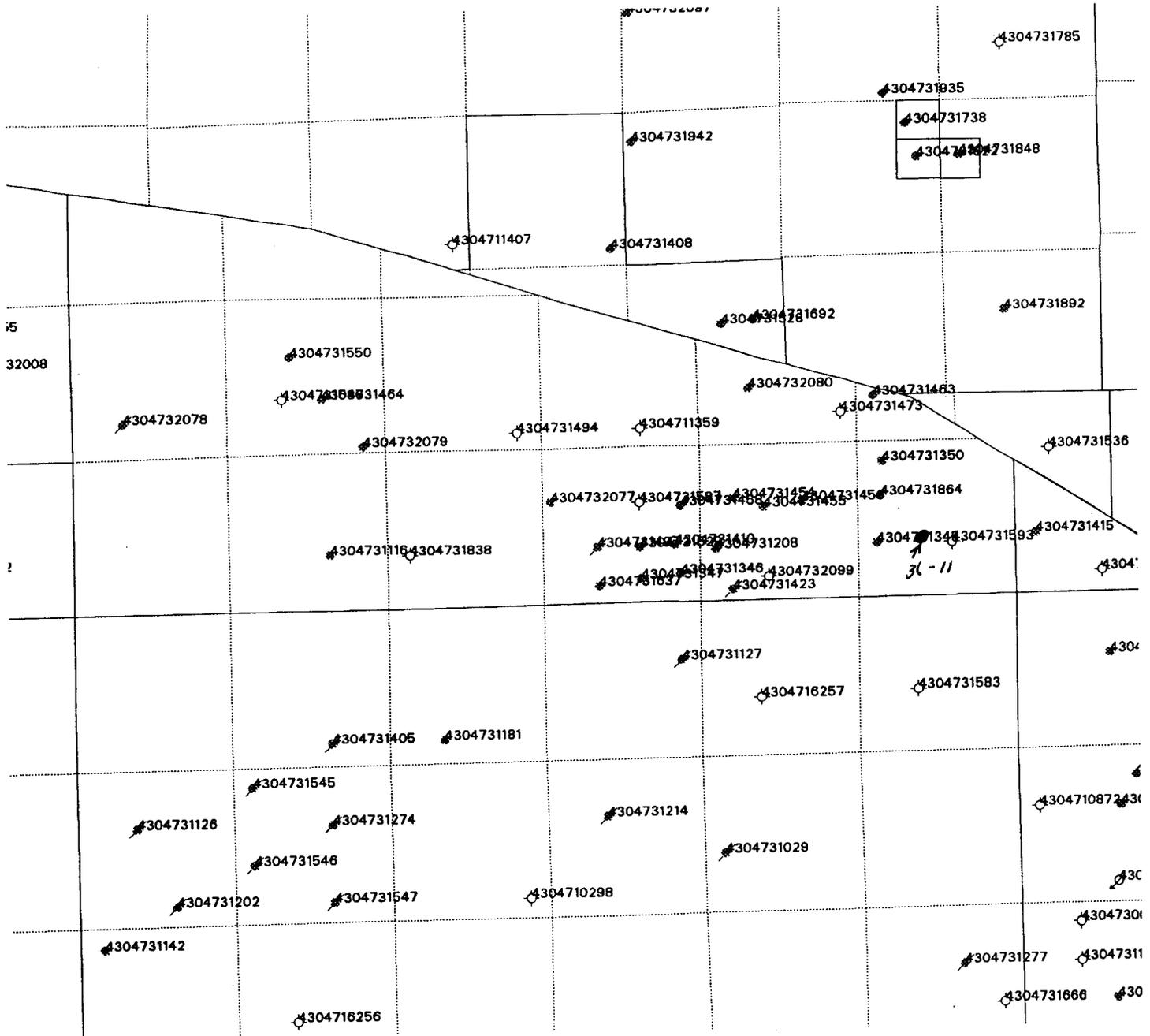
- \_\_\_\_\_ R649-2-3. Unit: \_\_\_\_\_
- R649-3-2. General.
- \_\_\_\_\_ R649-3-3. Exception.
- \_\_\_\_\_ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS:

STIPULATIONS:

*1. The Reserve pit will be located on East side of the location. A 12 mil synthetic liner will be required for the Reserve pit.*

SNYDER OIL CORP  
EIGHTMILE FLAT NORTH  
SEC. 36, T8S, R18E  
UINTAL COUNTY



**STATE OF UTAH**

<b>Operator: SNYDER OIL CO.</b>	<b>Well Name: UTD 36-11</b>
<b>Project ID: 43-047-325801</b>	<b>Location: SEC. 36 - T088 - 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	17.00	C-75	LT&C	5,500	4.767		
	<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	6040	2.157	2800	7250	2.59	79.49	327	4.11 J

Prepared by : FRM, Salt Lake City, UT  
 Date : 11-16-1994  
 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)

**DRILLING LOCATION ASSESSMENT**

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: SNYDER OIL CORP. WELL NAME: UTD STATE 36-11  
SECTION: 36 TWP: 8S RNG: 18E LOC: 2120 FSL 1945 FWL  
QTR/QTR NE/SW COUNTY: UINTAH FIELD: 8 MILE FLAT NORTH  
SURFACE OWNER: STATE OF UTAH  
SURFACE AGREEMENT:  
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL  
INSPECTOR: DAVID W. HACKFORD DATE AND TIME: 11/7/94 11:30 AM

PARTICIPANTS: DAVID W. HACKFORD (DOG M), JEFF SMITH (SNYDER), MR. KAY (UINTAH ENGINEERING.)

REGIONAL SETTING/TOPOGRAPHY: SITE IS ON A FLAT TOP RIDGE WITH 45' DEEP DRAWS 300' EAST AND WEST OF SITE. A 100' HIGH RIDGE RUNS EAST TO WEST 1200' NORTH OF SITE. PARIETTE CREEK IS 1/2 MILE TO THE SOUTH.

LAND USE:

CURRENT SURFACE USE: LIVESTOCK GRAZING WITH SOME WILDLIFE USE.

PROPOSED SURFACE DISTURBANCE: LOCATION 335' X 200'. ACCESS ROAD WAS PLOTTED USING A RECLAIMED ROAD LEADING TO A PA COMING FROM THE EAST. JEFF SMITH REQUESTED A MORE DIRECT ROUTE BE STAKED COMING OFF RIDGE FROM THE NORTHEAST. THIS ROUTE WOULD BE STEEPER BUT WOULD CAUSE LESS DISTURBANCE. A NEW MAP WILL BE SENT TO DOGM AFTER ROAD IS SURVEYED.

AFFECTED FLOODPLAINS AND/OR WETLANDS: AREA IS NOT A FLOODPLAIN BUT COULD SEE RUNOFF DURING OR AFTER RAIN STORMS. PARIETTE CREEK, 1/2 MILE SOUTH OF SITE FEEDS THE PARIETTE WETLANDS LOCATED APPROX. 2 MILES DOWNSTREAM TO THE EAST.

FLORA/FAUNA: SALTBRUSH, GREASEWOOD, SAGEBRUSH, NATIVE GRASSES. COYOTES, RABBITS, SMALL BIRDS, RAPTORS, REPTILES, DEER, ANTELOPE.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: DARK BROWN SANDY CLAY.

SURFACE FORMATION & CHARACTERISTICS:

EROSION/SEDIMENTATION/STABILITY: EROSION COULD BE A SERIOUS PROBLEM IF LOCATION IS NOT PROTECTED. SEDIMENTATION AND STABILITY SHOULD NOT BE A PROBLEM.

**PALEONTOLOGICAL POTENTIAL: NONE**

**SUBSURFACE GEOLOGY**

**OBJECTIVES/DEPTHS: GREEN RIVER FORMATION AT 6600' TD**

**ABNORMAL PRESSURES-HIGH AND LOW: NONE EXPECTED.**

**CULTURAL RESOURCES/ARCHAEOLOGY: NO INTEREST IN THIS AREA.**

**CONSTRUCTION MATERIALS: CUT AND FILL AS NECESSARY.**

**SITE RECLAMATION: AS REQUIRED BY STATE LANDS.**

**RESERVE PIT**

**CHARACTERISTICS: 170' X 60' AND 10' DEEP. 9160 BARREL CAPACITY WITH TWO FOOT FREEBOARD.**

**✓LINING: A 12 MIL PLASTIC LINER WILL BE NECESSARY.**

**MUD PROGRAM: HOLE WILL BE DRILLED WITH FRESH WATER WITH GEL ADDED AS NECESSARY FOR HOLE PROBLEMS.**

**DRILLING WATER SUPPLY: Joe Shields # 471674 OR Richens # 431721**

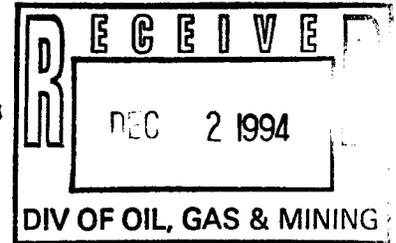
**OTHER OBSERVATIONS PARIETTE WETLANDS MANAGED BY B.L.M. IS AN IMPORTANT WATERFOWL NESTING AREA AND WILDLIFE REFUGE. THIS IS THE ONLY WETLANDS IN THE U.S.A. MANAGED BY THE B.L.M.**

**STIPULATIONS FOR APD APPROVAL RESERVE PIT PLACED ON EAST SIDE OF LOCATION.**

**ATTACHMENTS**

**PHOTOGRAPHS WILL BE PLACED ON FILE.**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
CEMENTING OPERATIONS



WELL NAME: UTD STATE 36K (PREVIOUSLY 36-11) API NO: 43-047-32580  
QTR/QTR: NE/SW SECTION: 36 TOWNSHIP: 8S RANGE: 18E  
COMPANY NAME: SNYDER OIL CORP. COMPANY MAN: JIM SIMINGTON  
INSPECTOR: DAVID W. HACKFORD DATE: 11/28/94  
CASING INFORMATION: SURFACE CASING: YES  
SIZE: 8 5/8 GRADE: J55 24 LB. HOLE SIZE: 12 1/4 DEPTH: 309.81'  
PIPE CENTRALIZED: YES; 3 ON STRING  
CEMENTING COMPANY: DOWELL SCHLUMBERGER  
CEMENTING STAGES: ONE

SLURRY INFORMATION:

1. CLASS: G ADDITIVES: 2% CACL. 1/4 LB PER SACK CELLO FLAKE

LEAD : 215 SACKS TAIL: \_\_\_\_\_

2. SLURRY WEIGHT LBS. PER GALLON:

LEAD: 15.8 TAIL: \_\_\_\_\_

3. WATER (GAL/SX)

LEAD: 3.97 TAIL: \_\_\_\_\_

CEMENT TO SURFACE: YES LOST RETURNS: NO

1 INCH INFORMATION: WEIGHT: NA CEMENT TO SURFACE: \_\_\_\_\_

FEET: \_\_\_\_\_ SX: \_\_\_\_\_ CLASS: \_\_\_\_\_ CACLX: \_\_\_\_\_ RETURNS: \_\_\_\_\_

ADDITIONAL COMMENTS: JOB WENT WELL; NO PROBLEMS.

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

Snyder

- UTD state-36-K

43-047-32580

North  
↑

Access

Pump  
Jack

Reserve  
Pit



Propane  
Tank

Heater  
Treater

400 Bbl.  
Oil  
Tank

400 Bbl.  
Oil  
Tank

210  
Bbl.  
Water  
Tank

Earth  
Pit

TOP  
Soil

42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 5 SQUARE  
42-383 200 SHEETS 5 SQUARE



NATIONAL  
MFG. CO. U.S.A.

# UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

Operator: Snyder Oil Corp. Lease: State:  Federal:  Indian:  Fee:

Well Name: UTD State 36K API Number: 43-047-32580

Section: 36 Township: 8S Range: 14E County: Uintah Field: 8 mile 5/2 north

Well Status: POW Well Type: Oil:  Gas:

PRODUCTION LEASE EQUIPMENT:  CENTRAL BATTERY:

Well head       Boiler(s)       Compressor       Separator(s)  
 Dehydrator(s)       Shed(s)       Line Heater(s)       Heated Separator  
 VRU       Heater Treater(s)

PUMPS:  
 Triplex       Chemical       Centrifugal

LIFT METHOD:  
 Pumpjack       Hydraulic       Submersible       Flowing

GAS EQUIPMENT:

Gas Meters       Purchase Meter       Sales Meter

TANKS:	NUMBER	SIZE	
	<u>2</u>	<u>400</u>	BBLS
	<u>1</u>	<u>210</u>	BBLS
			BBLS
			BBLS
	<u>1</u>		BBLS

REMARKS: Oil tanks have burners. No gas sales. Casinghead gas will vent at pre-set p.s.i.

Location central battery: Qtr/Qtr:  Section:  Township:  Range:

Inspector: David W. Haesford Date: 2/21/95



**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)

November 17, 1994

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

Re: UTD State 36-11 Well, 2120' FSL, 1945' FWL, NE SW, Sec. 36, T. 8 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. The reserve pit will be located on the east side of the location. A 12 mil synthetic liner will be required for the reserve pit.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
3. Notification to the Division within 24 hours after drilling operations commence.
4. 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.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2  
Snyder Oil Corporation  
UTD State Well  
November 17, 1994

7. 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.

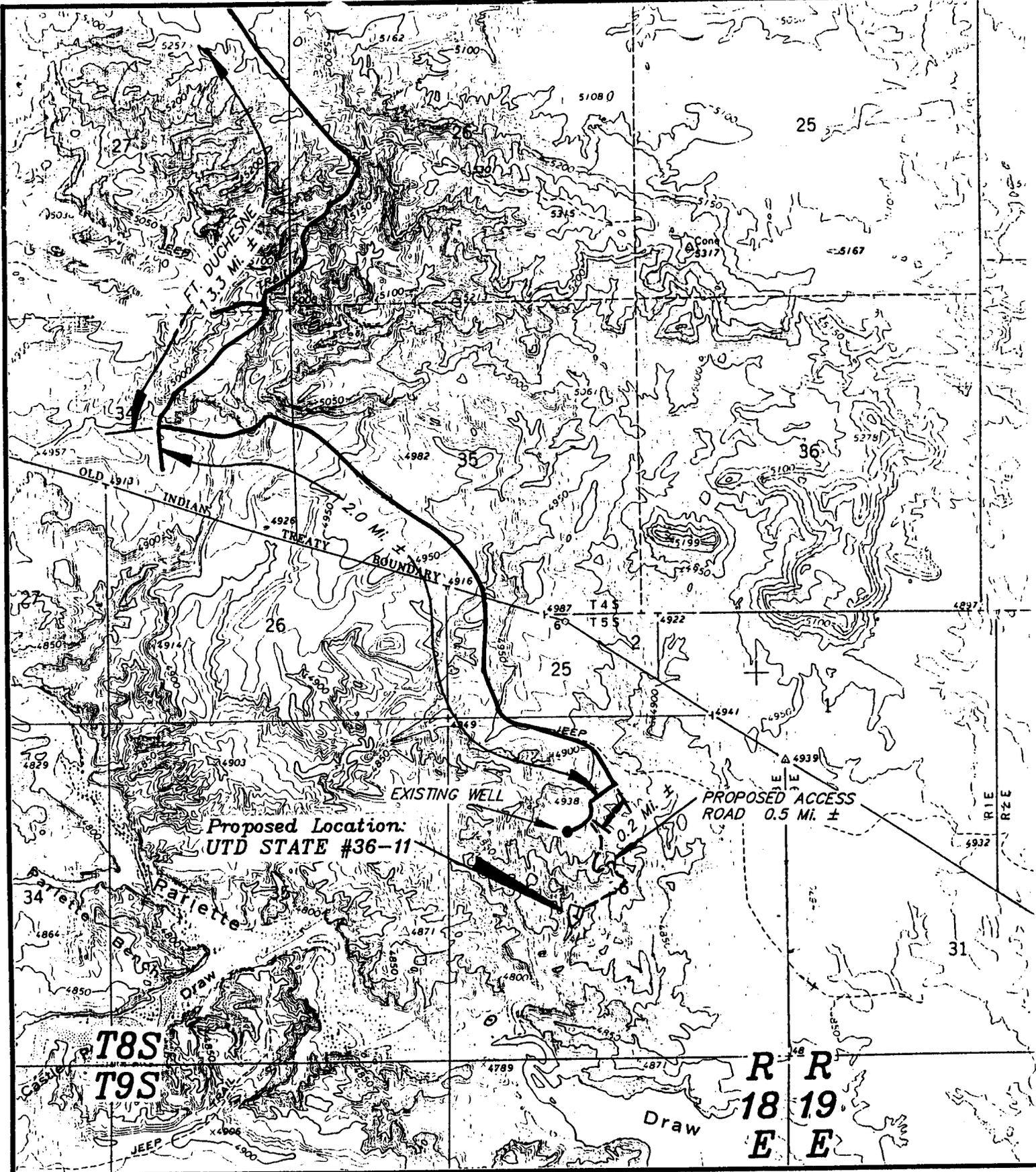
This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32580.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1



Proposed Location:  
 UTD STATE #36-11

REVISED DATE 11/15/94 J.D.S.  
 TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1"=2000'  
 DATE: 10/19/94 D.C.



SNYDER OIL CORP.  
 UTD STATE #36-11  
 SECTION 36, T8S, R18E, S.L.B.&M.  
 2120' FSL 1945' FWL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

MI- 22057

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Leland Bench.

8. Well Name and No.

UTD- State 36-K[36-1]

9. API Well No.

43-047-32580

10. Field and Pool, or Exploratory Area

Greenriver

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 Corp.

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)

NE1/4 SW1/4 Sec36 T8s R18E S.L.B.&M

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

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.)

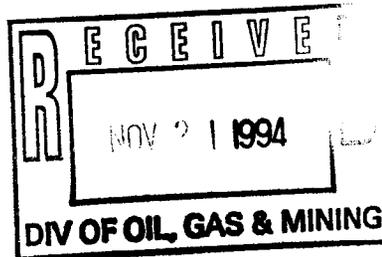
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Proposal.

Respectfully request your approval for alteration of original proposed access road. New access road reduces the length of disturbance and development, also keeps new development on State trust land.

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

DATE: 11/18/94  
BY: [Signature]



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

Signed

[Signature]

Title Vernal, Utah, Foreman

Date Nov 18, 1994.

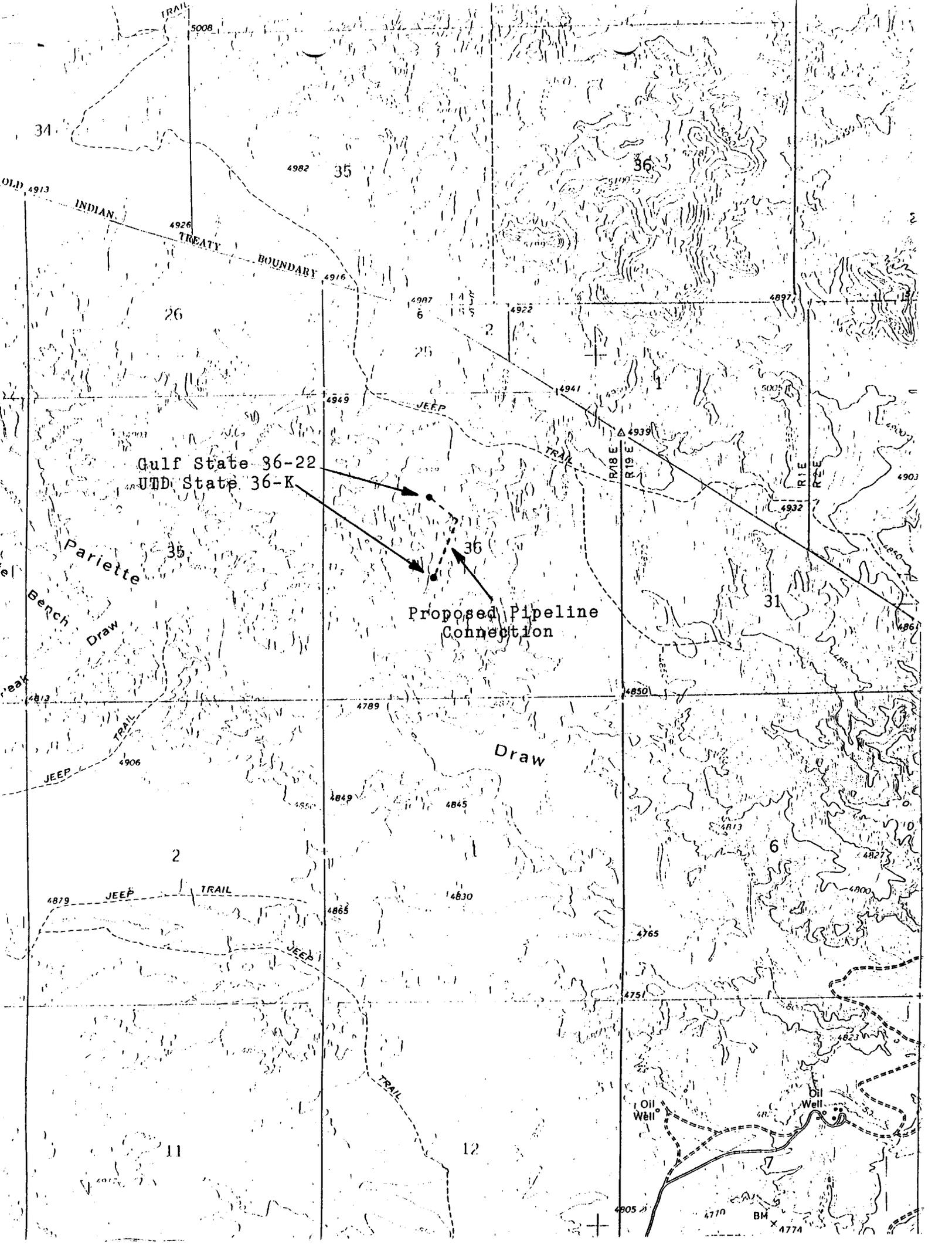
(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:



Gulf State 36-22  
UTD State 36-K

Proposed Pipeline  
Connection

INDIAN  
TREATY  
BOUNDARY

JEEP  
TRAIL

Pariette  
Draw

Draw

Oil  
Well

Oil  
Well

BM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

R E C E I V E  
NOV 25 1994

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

DIV OF OIL, GAS & MINING

5. Lease Designation and Serial No.

L-22057

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

UTD-State 36-K

9. API Well No.

43-047-32580

10. Field and Pool, or Exploratory Area

Green River

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 Corp.

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)

NE1/4 SW1/4 Section 36 T8S R18E

2120' FSL 1945' FWL S.L.B.&M

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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input checked="" 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 type="checkbox"/> Other _____	<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.)\*

Respectfully request approval to install 2" plastic gathering line.  
This line will tie into existing gathering line as shown [ Please see attachment.]

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

Signed

*[Signature]*

Title Vernal, Utah Foreman

Date Nov 22, 1994

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: SNYDER OIL CO.

WELL NAME: UTD STATE 36-K

API NO. 43-047-32580

Section 36 Township 8S Range 18E County UINTAH

Drilling Contractor ADCOR

Rig # 96

SPUDDED: Date 11/27/94

Time \_\_\_\_\_

How DRY HOLE

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

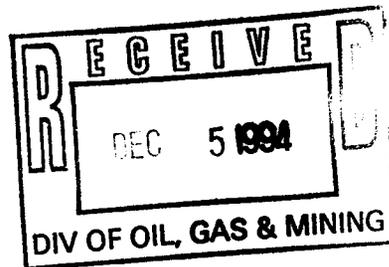
Reported by JIM SYMINGTON

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

Date 11/28/94 SIGNED DWH

**SUCO**

Snyder Oil Corporation

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

December 1, 1994

Mike Hebertson  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Sundries for Production Casing grade change on the following State wells:

UTD State 36-M, UTD State 36-K

Dear Mike:

*93-047-32580  
Sec 36 T85 R10 E*

Please find the Sundry forms for the production casing grade change from 5 1/2" 15.5 lb/ft J-55 LTC to 5 1/2" 15.5 lb/ft M-50 LTC on the above referenced wells.

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

Sincerely,

A handwritten signature in cursive script that reads "Jim McKinney".

Jim McKinney,  
Reservoir Engineering Technician

# PROPERTIES AND RECOMMENDED SETTING DEPTH LIMITATIONS

CALL TOLL-FREE: 1-800-325-1777  
FAX: 314-537-1316

## Maverick's full line of tubular products.

Maverick offers you a complete line of products so you can make the best purchasing decision possible at a competitive cost.

J-55	55,000	75,000
K-55	55,000	95,000
L-80	80,000	95,000
N-80	80,000	100,000

FEBRUARY 1993

This printing supercedes any previous similar publication.

TUBING	Nominal Wall (in)	Pipe Grade	Weight (lb./ft.)	Coupling Grade	End Finish	COLLAPSE-NO AXIAL TENSION		TENSION		INTERNAL PRESSURES	
						Collapse Pressure (psi)	Collapse Setting Depth (ft.) (Mod wt. of 9.8225/ft.) 1.125 S.F.)	Joint Yield Load Strength (psi)	Tension Setting Depth (ft.) (1.5 S.F.)	Minimum Internal Yield Pressure (psi)	80% Min Yield Strength of Max. Pac. Pressure (psi)
2 3/8"	.190	M-50	4.7	J-55	EUE	7800	12000	67450	6200	7200	6800
	.190	J-55	4.8	J-55	NUE	8100	14380	49500	7180	7700	7000
	.190	J-55	4.7	J-55	EUE	8100	14380	71730	10170	7700	7000
	.190	L-80	4.7	L-80	EUE	11780	20940	104340	14800	11200	10200
	.190	N-80	4.7	N-80	EUE	11780	20940	104340	14800	11200	10200
2 7/8"	.217	M-50	6.5	J-55	EUE	8900	12290	88040	6900	6530	5940
	.217	J-55	6.5	J-55	EUE	7680	13650	99700	10220	7260	6600
	.217	L-80	6.5	L-80	EUE	11160	19850	145000	14870	10570	9700
	.217	N-80	6.5	N-80	EUE	11160	19850	145000	14870	10570	9700
3 1/2"	.254	J-55	9.3	J-55	EUE	7400	12935	142500	8510	6990	6400
	.254	N-80	9.3	N-80	EUE	10530	18405	207200	12375	10180	9300

CASING	Grade	Nominal Wall (in)	Weight (lb./ft.)	Coupling Grade	COLLAPSE-NO AXIAL TENSION		JOINT STRENGTH—SHORT/LONG (Unless as required)			INTERNAL PRESSURES	
					Collapse Resistance (psi)	Setting Depth for Collapse (ft.) (Mod wt. of 9.8225/ft.) 1.125 S.F.)	Joint Strength Round Threads (1000#)	Joint Strength Setting Depth (ft.) (1.5 S.F.)	Minimum Pipe Body Yield Strength (1000#)	Minimum Internal Yield Pressure (psi)	80% Min Yield Strength of Max. Pac. Pressure (psi)
4 1/2"	M-50	.205	8.5	K-55	2650	4800	88	5180	136	3900	3600
	J-55	.205	9.5	K-55	3310	5880	101	5910	152	4380	4000
	M-50	.224	10.5	K-55	3600	6500	124	6500	158	4580	4200
	J-55	.224	10.5	K-55	4010	7130	132	6980	165	4790	4400
	K-55	.224	10.5	K-55	4010	7130	146	7720	165	4790	4400
	J-55	.250	11.8	K-55	4980	8820	154/162	7370/7760	184	5350	4900
	K-55	.250	11.8	K-55	4980	8820	170/180	8140/8620	184	5350	4900
	M-75	.250	11.8	N-80	5300	10840	202	10150	250	7500	6700
	L-80	.250	11.6	L-80	6350	11290	212	10150	267	7780	7100
	N-80	.250	11.6	N-80	6350	11297	223	10680	267	7780	7100
5 1/2"	L-80	.290	13.5	L-80	8640	15180	257	10680	307	8020	8200
	N-80	.290	13.5	N-80	8540	15180	270	11110	307	8020	8200
	M-60	.244	14.0	K-55	2800	5000	156	5900	200	3643	3400
	J-55	.244	14.0	K-55	3120	5550	172	6820	222	4270	3900
	K-55	.244	14.0	K-55	3120	5550	189	7500	222	4270	3900
	M-50	.275	15.5	K-55	3650	6450	188	7350	235	4550	4100
	J-55	.275	15.5	K-55	4040	7180	202/211	7240/7780	248	4810	4400
	K-55	.275	15.5	K-55	4040	7180	222/238	7960/8566	248	4810	4400
	J-55	.304	17.0	K-55	4910	8730	229/247	7480/8080	273	5320	4900
	K-55	.304	17.0	K-55	4910	8730	252/272	8240/8890	273	5320	4900
M-75	.304	17.8	N-80	6040	10740	327	10580	372	7500	6800	
6 1/2"	L-80	.361	20.0	L-80	8830	15700	416	11660	466	9180	7900
	N-80	.361	20.0	N-80	8830	15700	428	11890	466	9180	7900

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

E C E I V E

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

REC 5 1994

5. Lease Designation and Serial No.  
ML-12057

**SUNDRY NOTICES AND REPORTS ON WELLS**

DIV OF OIL, GAS & MINING

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

6. Lease or Tribe Name  
Not Applicable

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.  
**UTD State 36-K**

3. Address and Telephone No.  
**1625 BROADWAY, SUITE 2200, DENVER, CO. 80202 (303) 592-8500**

9. API Well No.  
**43-047-32580**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2120' FSL & 1945' FWL SEC. 36, NE/4SW/4 T8S, R18E**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input checked="" 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 <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.)\*

**PRODUCTION CASING SIZE CHANGE:**

<u>Old Casing Design</u>	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
<u>New Casing Design</u>	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

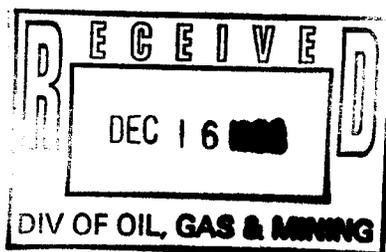
New casing design incorporates original safety factors (maximum anticipated mud weight is +/- 9.0 ppg)  
Only new casing will be run.

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 \_\_\_\_\_ 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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
RIGHT-OF-WAY GRANT

SERIAL NUMBER UTU-71280

- 
1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of 1976 (90 Stat. 2776; 43 U.S.C. 1761).
  2. Nature of Interest:
    - a. By this instrument, the holder:

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

receives a right to construct, operate, maintain, and terminate an access road to State well #36-K, Oil and Gas Lease ML-22057, on public lands described as follows:

T. 8 S., R. 18 E., SLM, Utah  
Sec. 25, Lots 3,4.
    - b. The right-of-way area granted herein is 30 feet wide, 2,000 feet long and contains 1.38 acres, more or less.
    - c. This instrument shall terminate December 31, 2025, unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.
    - d. This instrument may be renewed. If renewed, the right-of-way shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.
    - e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

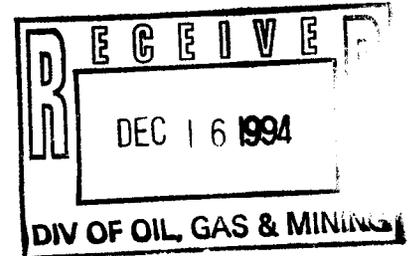
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

IN REPLY REFER TO:

2800  
UTU-71280  
(U-082)

Tammy Searing  
Division of Oil, Gas and Mining  
355 West North Temple  
Three Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DEC 15 1994



Dear Ms. Searing:

This is in reference to State mineral lease 22057, located in Section 36 of T. 8 S., R. 18 E., SLM, Utah. Snyder Oil Corporation has secured a Federal right-of-way from our office for access to well #36-K. We have enclosed a copy of the right-of-way document for your information and files.

We request that you notify our office of any future changes in the status of this well so that our records can be updated and the right-of-way terminated if necessary. Please reference our right-of-way serial number UTU-71280 in any future correspondence concerning this well. Should you have any questions concerning this matter, please contact Cindy McKee of our office at (801) 781-4434. We thank you for your cooperation.

Sincerely,

*Tom Dalbo*

*Acting for*

Ron Trogstad  
Area Manager  
Diamond Mountain Resource Area

Enclosure:  
As stated

3. Rental:

For and in consideration of the rights granted, the holder agrees to pay the Bureau of Land Management fair market value rental as determined by the authorized officer unless specifically exempted from such payment by regulation. Provided, however, that the rental may be adjusted by the authorized officer, whenever necessary, to reflect changes in the fair market rental value as determined by the application of sound business management principles, and so far as practicable and feasible, in accordance with comparable commercial practices. Rental payments, if applicable, should be mailed to the following address:

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

4. Terms and Conditions:

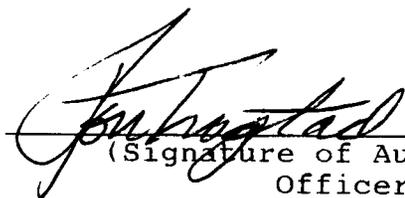
- a. This grant is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations part 2800.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as provided in paragraph (4)(c) or as directed by the authorized officer.
- c. The stipulations, plans, maps, or designs set forth in Exhibit "A", dated December 7, 1994, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- d. Failure of the holder to comply with applicable law or any provision of this right-of-way grant shall constitute grounds for suspension or termination thereof.
- e. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.
- f. The holder shall construct, operate, and maintain the facilities, improvements, and structures within this right-of-way in strict conformity with the application submitted on November 1, 1994. Any relocation, additional construction, or use that is not in accord with the approved plan of development shall not be initiated without the prior written approval of the authorized officer. Noncompliance with the above will be grounds for an immediate temporary suspension of activities if it constitutes a threat to public health and safety or the environment.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant.

  
\_\_\_\_\_  
(Signature of Holder)

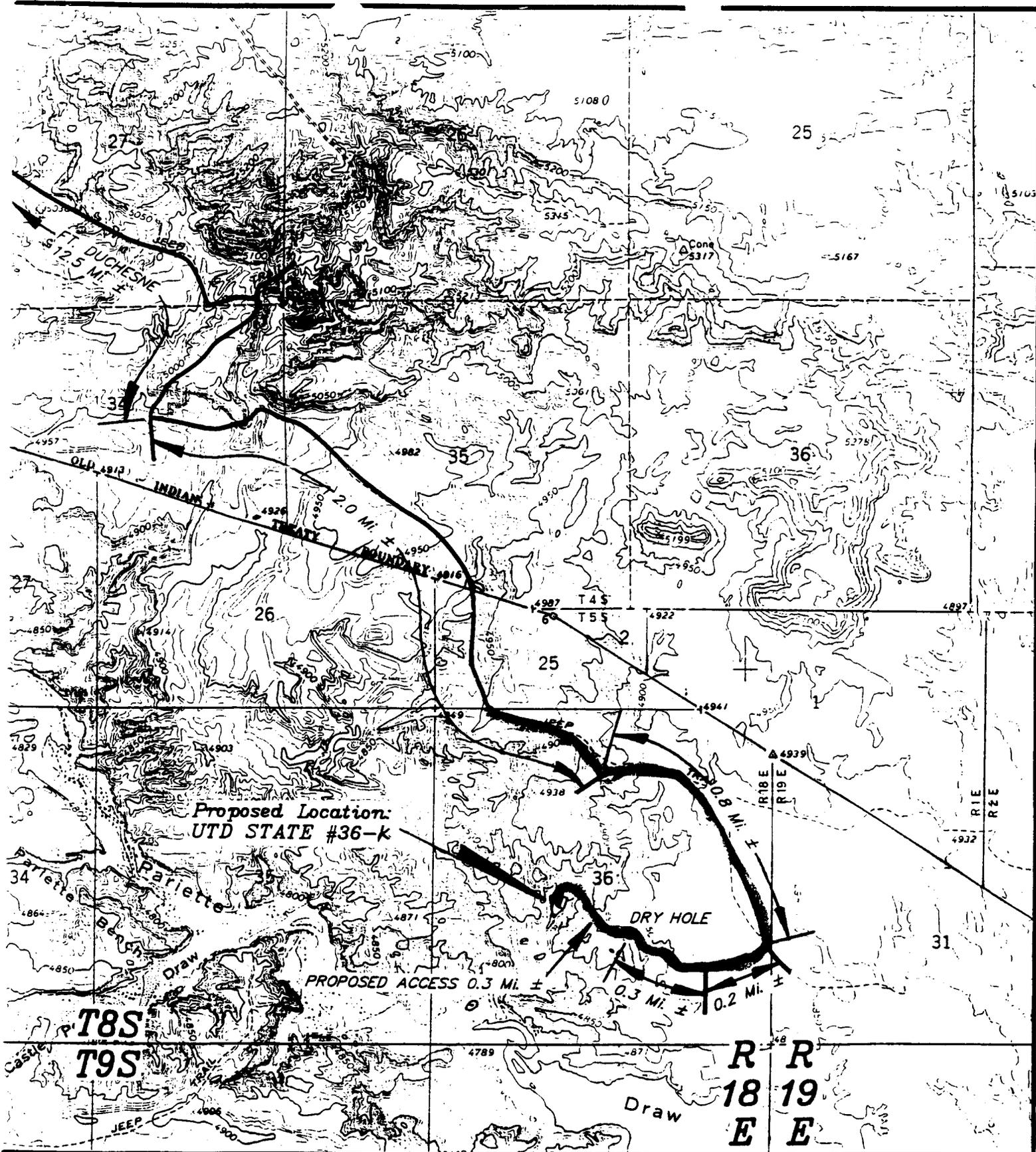
Robert M. Anderson/Authorized Agent  
(Title)

December 13, 1994  
(Date)

  
\_\_\_\_\_  
(Signature of Authorized Officer)

Area Manager,  
Diamond Mountain Resource Area  
(Title)

**DEC 14 1994**  
\_\_\_\_\_  
(Effective Date of Grant)



Proposed Location:  
UTD STATE #36-K

Exhibit "A", December 7, 1994

ROW UTU-71280

-  Road on State Lands
-  Uintah Indian Reservation Boundary
- T. 8 S., R. 18 E., SLM, Utah

TOPOGRAPHIC  
MAP "B"

SCALE: 1"=2000'

DATE: 10/19/94 D.C.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APR 24 1995

LEASE DESIGNATION AND SERIAL NO.

ML-22057

IF INDIAN, ALLOTTEE OR TRIBE NAME

Not Applicable

UNIT AGREEMENT NAME

Not Applicable

FARM OR LEASE NAME

UTD State

WELL NO.

36-K

FIELD AND POOL OR WILDCAT

Eight Mile Flat North

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

NESW Sec. 36, T8S, R18E

COUNTY

Uintah

STATE

Utah

ELEV. CASINGHEAD

4,828'

CABLE TOOLS

Rotary

WAS DIRECTIONAL SURVEY MADE

No

WAS WELL CORED

Yes

NO

X

(Submit analysis)

DRILL STEM TEST

Yes

NO

X

(See reverse side)

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#	329'	12-1/4"	300 SX Class "G"	8 joints
5-1/2"	15.5#	6,100'	7-7/8"	Lead: 200 SX Lite; Tail: 435 SX 50/50 Poz	144 joints

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

PERFORATION RECORD (Interval, size and number)				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perf @2SPF: 4,332'-48'	Perf @2SPF: 5,101'-03'	5,436'-38'	5,615'-17'	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	5,113'-15'	5,451'-54'	5,620'-22'	4,332'-4,348'	Frac: 90,000# 20/40 sand in 80,000 gal gel
	5,120'-24'	5,605'-07'	5,757'-59'	5,101'-5,612'	Frac: 190,000# 20/40 sand in 63,000 gal gel
	5,230'-32'	5,610'-12'			

PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)		
February 4, 1995	pump				Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
February 10, 1995	24	NA	→	87	Flared	15	To be determined
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	87	Vented	15	35	

DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented

TEST WITNESSED BY

Jeff Smith

LIST OF ATTACHMENTS

Wellbore diagram

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

SIGNED Jim McKinney TITLE Sr. Engineering Technician DATE 04/14/95

See Spaces for Additional Data on Reverse Side

PRODUCTION - INTERVAL									
DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW TUBING PRESSURE	CASING 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 DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW TUBING PRESSURE	CASING 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: CORED INTERVALS AND ALL DRILL/STEM TESTS, INCLUDING DEPTH INTERVAL TEST, CUSHION 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	1,570'	Sand and Shale	Uintah	Surface
Green River	1,570'	4,818'	Sand and Shale	Green River	1,570'
Douglas Creek	4,818'	5,569'	Sand and Shale	Douglas Creek	4,818'
Castle Peak	5,569'	5,960'	Limestone, sand and shale	Castle Peak	5,569'
Green River Limestone	5,960'	6,068'	Limestone	Green River Limestone	5,960'
Wasatch	6,068'	TD	Sand and Shale	Wasatch	6,068'

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

**34. CIRCLE ENCLOSED ATTACHMENTS:**

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

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED: \_\_\_\_\_

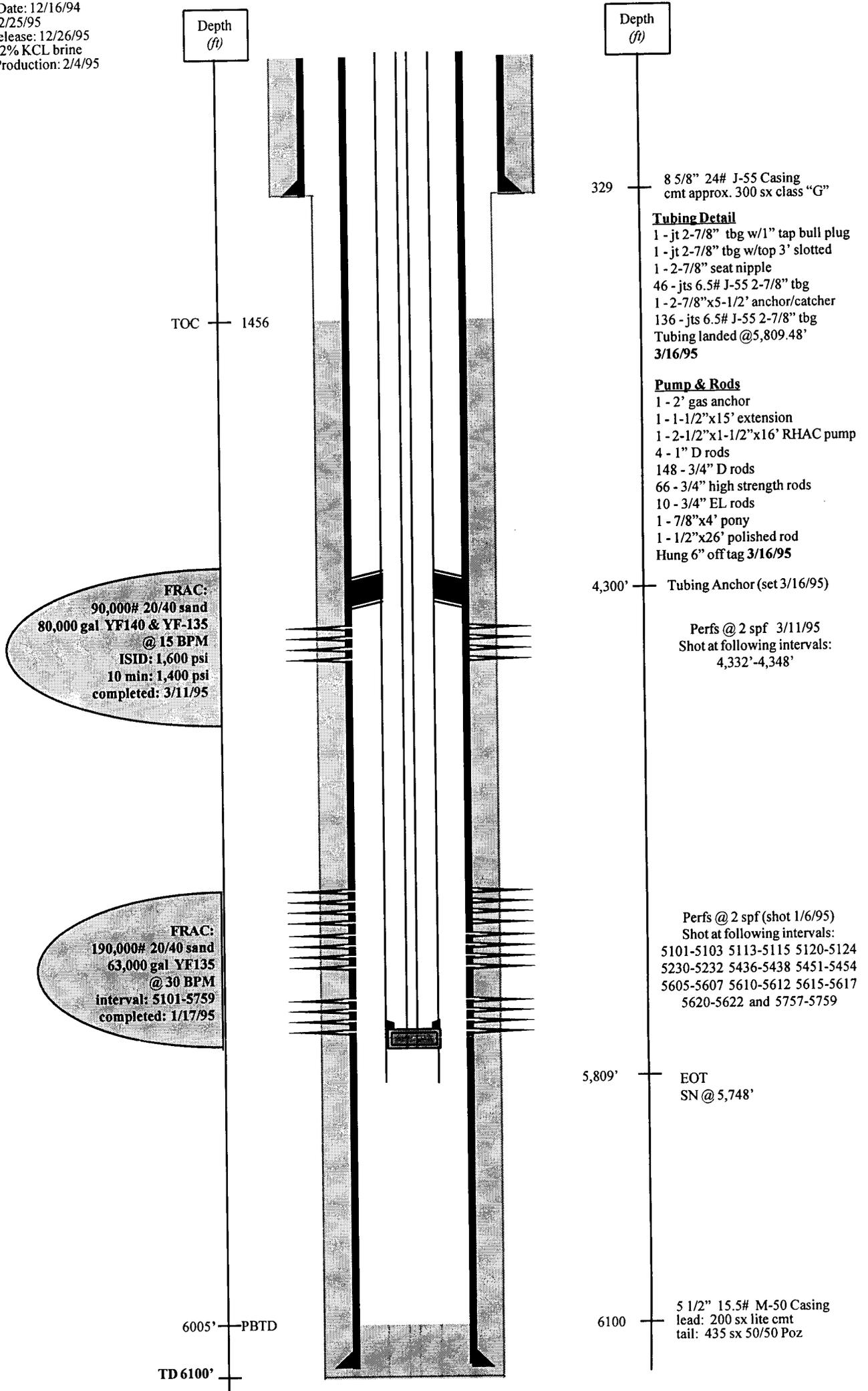
PRINT: James M. McKinney, Jr. TITLE: Sr. Engineering Technician DATE: \_\_\_\_\_

**Well: UTD State #36-K**  
 NE SW Sec 36-T8S-R18E  
 Uintah County, UT

Location: 2120' FSL, 1945' FWL  
 Elevation: GL=4809', KB=4826'  
 API # - 43-047-32580  
 AFE# - 104736

**Wellbore Diagram**  
**as of 3/31/95**  
 by Jim McKinney

Rig: Adcor #93  
 Spud Date: 12/16/94  
 TD: 12/25/95  
 Rig Release: 12/26/95  
 Mud: 2% KCL brine  
 First Production: 2/4/95





November 30, 1995

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  
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~~ **85 18E 36**  
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,

D. W. Shewmake  
Senior Geologist

DWS/lk

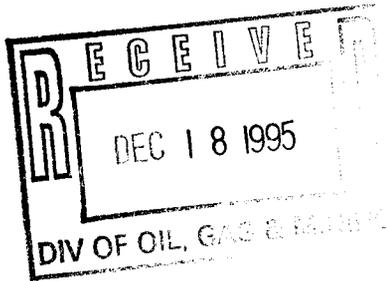
Encs.



Snyder Oil Corporation

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

December 14, 1995



Ms. Vicky Dyson  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: UTD State 36-K, API No. 43-047-32580  
Submittal of Electric and Radioactivity Logs  
85 18E 36 POW

Dear Ms. Dyson:

Enclosed is your copy of the FDC-CNL-GR log for the captioned well.

If you have any questions, please contact the undersigned at (303)592-8687.

Sincerely,

Daniel W. Shewmake  
Sr. Geologist

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

RECEIVED  
DEC 20 1995

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-22057</b>
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. INDIAN, ALLOTTEE OR TRIBAL NAME N/A
<b>2. NAME OF OPERATOR</b> <b>SNYDER OIL CORPORATION</b>		7. UNIT AGREEMENT NAME N/A
<b>3. ADDRESS OF OPERATOR</b> <b>P.O. Box 695, Vernal, UT 84078    801-789-0323</b>		8. FARM OR LEASE NAME <b>UTD State</b>
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>2120' FSL, 1945' FWL, NE/4SW/4</b>		9. WELL NO <b>36-K</b>
<b>14. API NUMBER</b> <b>43-047-32580</b>		10. FIELD AND POOL, OR WILDCAT  <b>Eight Mile Flat North</b>
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) <b>4809'</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  <b>Section 36, T8S, R18E</b>
<b>12. COUNTY OR PARISH</b> <b>Uintah</b>		13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) _____ <input type="checkbox"/>
(OTHER) <input checked="" type="checkbox"/> Dispose of prod. wtr <input type="checkbox"/>	

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

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

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.

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

SIGNED Lucy Neman TITLE Senior clerk DATE 12-8-95

---

(This space for Federal or State use)  
 APPROVED BY [Signature] TITLE Petroleum Engineer DATE 12/20/95  
 CONDITIONS OF APPROVAL, IF ANY:



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,

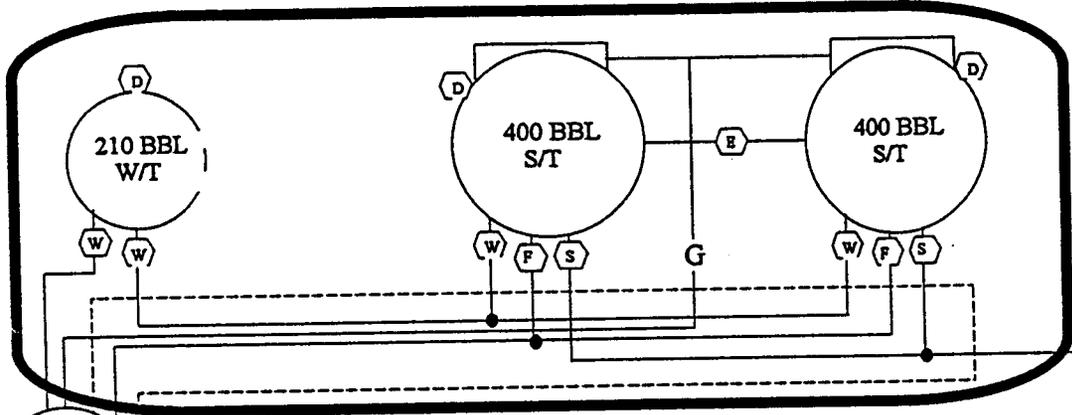
A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Senior Clerk

3' High Berm

80'

35'



GAS LINE

HT

G

F

Pump Unit

UTD STATE 36-K



SITE SECURITY PLAN LOCATED AT:

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

43-047-32580

Snyder Oil Corporation

UTD STATE 36-K  
NESW SEC 36 T8S R18E  
UINTAH COUNTY, UT  
Lease # ML-22057

Prepared By: JT 7/2695  
Revised By: KR 1/17/96

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**                      Attn: Joe Mazotti    303-592-4643

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

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

**See Attachment**

5. Lease Designation and Serial No.

**ML-22057**

6. If Indian, Allottee or Tribe Name

**n/a**

7. If Unit or CA, Agreement Designation

**n/a**

8. Well Name and No.

**See Attachment**

9. API Well No.

**See Attachment**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**Uintah County, Utah**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

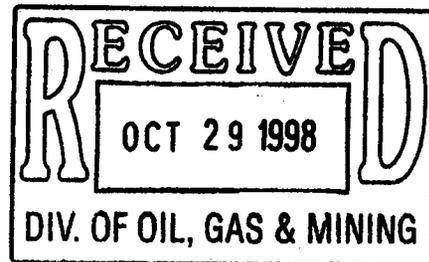
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Change of Operator

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

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

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

Snyer Oil Corporation sold all interest in the wells described on the attachment to Wildrose Resources Corp., located at 3121 Cherryridge Road, Englewood, CO 80110; (303) 761-9965 Wildrose Resources Corp. will assume operations of the wells effective October 1, 1998.



Please contact Joe Mazotti at 303-592-4643 if you have any questions.

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

Signed

*Paul G. Brooke*

Title

*Attorney-in-Fact*

Date

*10/1/98*

(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

**Attachment to Sundry Notice – State of Utah**

Snyder Oil Corporation sold the below listed wells to Wildrose Resources Corp. effective October 1, 1998:

Gulf State 36-11            API# 43-047-31350-00 *ML-22057*  
NWNW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 104434-001)

Gulf State 36-12            API# 43-047-31864-00 *ML-22057*  
SWNW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 104435-001)

Gulf State 36-13            API # 43-047-31345-00 *ML-22057*  
NWSW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 104436-001)

Gulf State 36-22            API # 43-047-31892-00 *ML-22057*  
SENW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 104465-001)

UTD State 36-K            API # 43-047-32580-00 *ML-22057*  
NESW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 111068-001)

UTD State 36-M            API #43-047-32581-00 *ML-22057*  
SWSW, Sec 36-8S-18E, Uintah Co., UT  
(SOCO Property No. 111067-001)

**New Operator Address:**

Wildrose Resources Corp.            (303) 761-9965  
3121 Cherryridge Road  
Englewood, CO 80110

**DOGM SPEED LETTER**

**To:** Ed Bonner

**From:** Kristen Risbeck

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

**Subject:** Operator Change

<b>MESSAGE</b>		Date <u>12/1</u> 19 <u>98</u>		
Ed,				
For your information, attached are copies of documents regarding an operator change on a state lease(s)				
These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.				
<b>Former Operator:</b> Snyder Oil Corporation				
<b>New Operator:</b> Wildrose Resources				
<b>Well(s):</b>	<b>API:</b>	<b>Entity:</b>	<b>S-T-R:</b>	<b>Lease:</b>
Gulf State 36-11	43-047-31350	00040	36-08S-18E	ML-22057
Gulf State 36-12	43-047-31864	11002	36-08S-18E	ML-22057
Gulf State 36-13	43-047-31345	00045	36-08S-18E	ML-22057
Gulf State 36-22	43-047-31892	11095	36-08S-18E	ML-22057
UTD State 36-K	43-047-32580	11752	36-08S-18E	ML-22057
UTD State 36-M	43-047-32581	11749	36-08S-18E	ML-22057
cc: Operator File				
			Signed <i>Kristen Risbeck</i>	

<b>REPLY</b>	Date _____ 19 ____
Signed _____	



## WILDROSE RESOURCES CORPORATION

December 1, 1998

Copy via Fax: 801-359-3940  
Original via U.S.P.S.

Utah Division of Oil, Gas & Mining  
Attn: Kristen Risbeck  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

RE: Operator Change - Gulf State Wells  
Uintah County, Utah

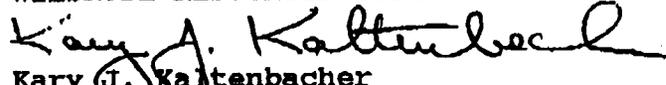
Dear Ms. Risbeck:

Pursuant to your request today, this is to confirm that effective October 1, 1998, Wildrose Resources Corporation has taken over from Snyder Oil Company as operator of the following six wells:

- 1) Gulf State 36-11: NW/NW Section 36, R8S, R18E
- 2) Gulf State 36-12: SW/NW Section 36, R8S, R18E
- 3) Gulf State 36-13: NW/SW Section 36, R8S, R18E
- 4) Gulf State 36-22: SE/NW Section 36, R8S, R18E
- 5) UTD State 36-K: NE/SW Section 36, R8S, R18E
- 6) UTD State 36-M: SW/SW Section 36, R8S, R18E

If you have any other questions, please give me a call.

Very truly yours,  
WILDROSE RESOURCES CORPORATION

  
Kary J. Kaltenbacher  
Vice President



WILDROSE RESOURCES CORPORATION

**FAX TRANSMITTAL SHEET**

DATE: 12/1/98

TO:

COMPANY: D. O. G. M.

ATTN: Kristen Risbeck

FAX #: 801-359-3940

FROM: WILDROSE RESOURCES CORPORATION

Kary K.

FAX #: (303) 761-9964

PHONE #: (303) 761-9965

NUMBER OF PAGES (Including Cover Sheet): 2

COMMENTS: Here is that letter you requested. Original is in the mail. Sorry I did not get this to you this afternoon.

Kary K.

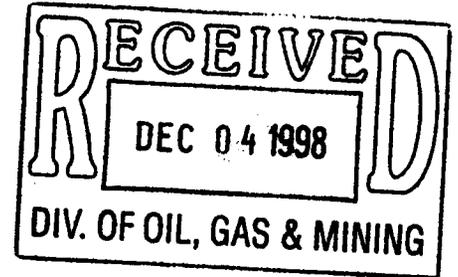


WILDROSE RESOURCES CORPORATION

December 1, 1998

Copy via Fax: 801-359-3940  
Original via U.S.P.S.

Utah Division of Oil, Gas & Mining  
Attn: Kristen Risbeck  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801



RE: Operator Change - Gulf State Wells  
Uintah County, Utah

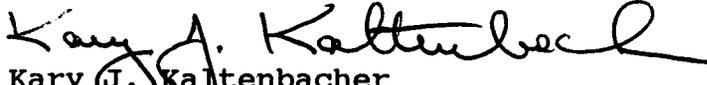
Dear Ms. Risbeck:

Pursuant to your request today, this is to confirm that effective October 1, 1998, Wildrose Resources Corporation has taken over from Snyder Oil Company as operator of the following six wells:

- 1) Gulf State 36-11: NW/NW Section 36, R8S, R18E
- 2) Gulf State 36-12: SW/NW Section 36, R8S, R18E
- 3) Gulf State 36-13: NW/SW Section 36, R8S, R18E
- 4) Gulf State 36-22: SE/NW Section 36, R8S, R18E
- 5) UTD State 36-K: NE/SW Section 36, R8S, R18E
- 6) UTD State 36-M: SW/SW Section 36, R8S, R18E

If you have any other questions, please give me a call.

Very truly yours,  
WILDROSE RESOURCES CORPORATION

  
Kary J. Kaltenbacher  
Vice President

# OPERATOR CHANGE WORKSHEET

1-KDR <i>✓</i>	6-KAS
2-GLH <i>✓</i>	7-SJ
3-JRB <i>✓</i>	8-FILE
4-CDW <i>✓</i>	
5-KDR <i>✓</i>	

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

The operator of the well(s) listed below has changed, effective: 10-1-98

TO: (new operator)	<u>WILDROSE RESOURCES</u>	FROM: (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>3121 CHERRYRIDGE RD</u>	(address)	<u>1625 BROADWAY STE 2200</u>
	<u>ENGLEWOOD, CO 80110</u>		<u>DENVER, CO 80202</u>
			<u>JOE MAZOTTI</u>
	Phone: <u>(303) 761-9965</u>		Phone: <u>(303) 592-4643</u>
	Account no. <u>N9660</u>		Account no. <u>NI305</u>

WELL(S) attach additional page if needed:

Name: <u>GULF STATE 36-11</u>	API: <u>43-047-31350</u>	Entity: <u>40</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name: <u>GULF STATE 36-12</u>	API: <u>43-047-31864</u>	Entity: <u>11002</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name: <u>GULF STATE 36-13</u>	API: <u>43-047-31345</u>	Entity: <u>45</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name: <u>GULF STATE 36-22</u>	API: <u>43-047-31892</u>	Entity: <u>11095</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name: <u>ITD STATE 36-K</u>	API: <u>43-047-32580</u>	Entity: <u>11752</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name: <u>ITD STATE 36-M</u>	API: <u>43-047-32581</u>	Entity: <u>11749</u>	S	<u>36</u>	T	<u>8</u>	S	R	<u>18</u>	E	Lease: <u>ML-22057</u>
Name:	API:	Entity:	S		T			R			Lease:

## OPERATOR CHANGE DOCUMENTATION

- DR* 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(rec'd 10.29.98)*
- DR* 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(rec'd 12.1.98) (faxed, original in mail)*
- N/A* 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: \_\_\_\_\_
- N/A* 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.
- DR* 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12.7.98)*
- DR* 6. Cardex file has been updated for each well listed above. *(12.7.98)*
- JA* 7. Well file labels have been updated for each well listed above. *(\*new filing system)*
- DR* 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. *(12.3.98)*
- DR* 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**

- WDP 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.
- WDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

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

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- WDP 1. Copies of documents have been sent on 12.1.98 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.
- N/A 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**

- \_\_\_ 1. All attachments to this form have been microfilmed. Today's date: \_\_\_\_\_.

**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**

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

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT 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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	6. WELL NAME and NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <b>N5160</b>	8. API NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <b>Denver</b> STATE <b>Co</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 893-0102</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE:  QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL OR WILDCAT:  COUNTY:  STATE: <b>UTAH</b>

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

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

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

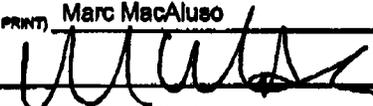
Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation **N9660**  
3121 Cherryridge Road  
Englewood, Colorado 80110-8007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Previous Operator Signature: \_\_\_\_\_ Title: \_\_\_\_\_

NAME (PLEASE PRINT) <b>Marc MacAluso</b>	TITLE <b>CEO, Wildrose Resources Corporation</b>
SIGNATURE 	DATE <b>4/15/04</b>

(This space for state use only)

RECEIVED

APR 26 2004

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, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See Attached Exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CO AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
See Attached Exhibit

2. NAME OF OPERATOR:  
Inland Production Company N5160

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1401 17th St. #1000 CITY Denver STATE Co ZIP 80202 PHONE NUMBER: (303) 893-0102

10. FIELD AND POOL OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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 PLANE	<input checked="" 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"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation  
3121 Cherryridge Road  
Englewood, Colorado 80110-8007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0058 issued by Hartford.

Attached is a list of wells included.

Current Contract Operator Signature:

Title:

NAME (PLEASE PRINT) Bill I. Pennington TITLE President, Inland Production Company

SIGNATURE *Bill I. Pennington* DATE 4/15/04

(This space for State use only)

(5/2000)

(See instructions on Reverse Side)

**RECEIVED**  
**APR 26 2004**  
DIV. OF OIL, GAS & MINING

EXHIBIT "A"  
Attached to Sundry Notices

Wildrose Resources Corporation  
and  
Inland Production Company

Uml	AP	Well	Comp	Elev	Loc	St	T/A	Twp	Rng	Co	Lease	Type
N	4304731528	REX LAMB 34-1	WR	4932* GR	2116 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731692	REX LAMB 34-2	WR	4932* GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914	HARBOURTOWN FED 21-33	WR	5129* GR	0613 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915	HARBOURTOWN FED 42-33	WR	5128* GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916	HARBOURTOWN FED 23-34	WR	5088* GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917	HARBOURTOWN FED 44-34	WR	5063* GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080	FEDERAL #23-26	WR	4910* KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442	OW
N	4304732700	FEDERAL 24-26	WR	4913* GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-36442	OW
N	4304732720	FEDERAL 13-26	WR	4905* GR	2018 FSL 0832 FWL	26	NWSW	080S	180E	UTA	U-36442	OW
N	4304732731	FEDERAL 12-26	WR	4924* GR	2956 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847	FEDERAL 34-26	WR	4907* GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732	FEDERAL 43-27	WR	4862* GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442	OW
N	4304732733	FEDERAL 14-28	WR	4902* GR	0860 FSL 0846 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743	FEDERAL 13-28	WR	4955* GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304731464	PARIETTE FED 10-29	WR	4890* GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731550	W PARIETTE FED 6-29	WR	4892* GR	1978 FNL 2141 FWL	29	SENW	080S	180E	UTA	U-36846	OW
N	4304732079	FEDERAL 44-29	WR	4993* KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701	FEDERAL 43-29	WR	4886* GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742	FEDERAL 34-29	WR	4917* GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848	PARIETTE FED 32-29	WR	4870* GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846	OW
N	4304731116	NGC ST 33-32	WR	4930* GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077	FEDERAL 12-34	WR	4845* KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702	FEDERAL 42-35	WR	4815* GR	1955 FNL 0483 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721	FEDERAL 43-35	WR	4870* GR	2077 FSL 0696 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345	GULF STATE 36-13	WR	4831* GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057	OW
N	4304731350	GULF STATE 36-11	WR	4837* GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731864	GULF STATE 36-12	WR	4882* GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892	GULF STATE 36-22	WR	4923* GR	1860 FNL 1980 FWL	36	SENW	080S	180E	UTA	ML-22057	OW
N	4304732580	UTD STATE 36-K	WR	4809* GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581	UTD STATE 36-M	WR	4744* KB	0848 FSL 0848 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415	WILDROSE FEDERAL 31-1	WR	4871* GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642	MONUMENT BUTTE 1-3	WR	5156* GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810	MONUMENT BUTTE 2-3	WR	5107* GR	1918 FNL 1979 FWL	03	SENW	090S	170E	DU	U-44004	OW
N	4301331760	PINEHURST FEDERAL 3-7	WR	5096* GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	61252	OW
N	4301331761	PINEHURST FEDERAL 3-8	WR	5030* GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764	RIVIERA FEDERAL 3-11	WR	5123* GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332183	RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184	RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023	FEDERAL 15-1-B	WR	5177* GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777	BIRKDALE FED 13-34	WR	5067* GR	1768 FSL 0615 FWL	34	NWSW	090S	180E	UTA	U-68618	OW

END OF EXHIBIT

RECEIVED  
APR 26 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

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: <b>4/15/2004</b>	
<b>FROM: (Old Operator):</b> N9660-Wildrose Resources Corporation 3121 Cherryridge Road Englewood, CO 80110-6007 Phone: 1-(303) 761-9965	<b>TO: ( New Operator):</b> N5160-Inland Production Company 1401 17th St, Suite 1000 Denver, CO 80202 Phone: 1-(303) 893-0102

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 43-35	35	080S	180E	4304732721	✓ 11830	Federal	S	OW
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	✓ 9535	Federal	S	OW
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	✓ 1515	Federal	P	OW
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	✓ 1521	Federal	P	OW
PINEHURST FEDERAL 3-7	03	090S	170E	4301331760	✓ 12108	Federal	P	OW
PINEHURST FEDERAL 3-8	03	090S	170E	4301331761	✓ 12107	Federal	P	OW
RIVIERA FEDERAL 3-11	03	090S	170E	4301331764	✓ 12118	Federal	P	OW
RIVIERA FED 3-9	03	090S	170E	4301332183	✓ 13596	Federal	TA	OW
RIVIERA FED 3-10	03	090S	170E	4301332184	✓ 13597	Federal	TA	OW
FEDERAL 15-1-B	15	090S	170E	4301331023	✓ 10201	Federal	S	OW
BIRKDALE FED 13-34	34	090S	180E	4304732777	✓ 12007	Federal	S	OW
REX LAMB 34-1	34	040S	010E	4304731528	✓ 9690	Fee	S	OW
REX LAMB 34-2	34	040S	010E	4304731692	✓ 9691	Fee	S	OW
NGC ST 33-32	32	080S	180E	4304731116	✓ 6210	State	P	OW
GULF STATE 36-13	36	080S	180E	4304731345	✓ 45	State	P	OW
GULF STATE 36-11	36	080S	180E	4304731350	✓ 40	State	P	OW
GULF STATE 36-12	36	080S	180E	4304731864	✓ 11002	State	S	OW
GULF STATE 36-22	36	080S	180E	4304731892	✓ 11095	State	P	OW
UTD STATE 36-K	36	080S	180E	4304732580	✓ 11752	State	P	OW
UTD STATE 36-M	36	080S	180E	4304732581	✓ 11749	State	S	OW

**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: 4/26/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/26/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/10/2003
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

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: applied for

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: n/a

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: N/A

**DATA ENTRY:**

- 1. Changes entered in the Oil and Gas Database on: 4/28/2004
- 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 4/28/2004
- 3. Bond information entered in RBDMS on: 4/28/2004
- 4. Fee wells attached to bond in RBDMS on: 4/28/2004
- 5. Injection Projects to new operator in RBDMS on: n/a
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/28/2004

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

1. State well(s) covered by Bond Number: 4021509 Wildrose

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

1. Federal well(s) covered by Bond Number: UT0056

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

1. Indian well(s) covered by Bond Number: n/a

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RN4471290

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: 4/28/2004

**COMMENTS:**

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



## 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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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:	<b>9/1/2004</b>
<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
<b>CA No.</b>	<b>Unit:</b>

<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