

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface: 1641' FSL, 2185' FEL (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Section 4, T7S, R22E
 At proposed prod. zone: Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 16 Miles South/Southeast of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1641'

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3300'

19. PROPOSED DEPTH 3300'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4969' GR

22. APPROX. DATE WORK WILL START* November 21, 1994

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-0136484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Not Applicable

7. UNIT AGREEMENT NAME
 Not Applicable

8. FARM OR LEASE NAME, WELL NO.
 Horseshoe Bend #4-10

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
 Horseshoe Bend

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA
 Section 4, T7S, R22E

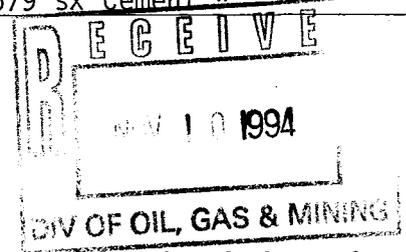
12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. (ALL NEW) PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24.0#	0-300'	250 sx Circulated to Surface *
7-7/8"	4-1/2" J-55	10.5#	0-3300'	579 sx Cement *

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



EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Snyder Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the Horseshoe Bend #4-10, Federal Lease #UTU-0136484. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Snyder Oil Corporation, Nationwide Bond #WY-2272, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

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

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

PERMIT NO. 43-047-32577 APPROVAL DATE 12/19/94
 APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 12/19/94
 BY: [Signature]
 WELL SPACING cause 145-8

*See Instructions On Reverse Side

T7S, R22E, S.L.B.&M.

SNYDER OIL CORP.

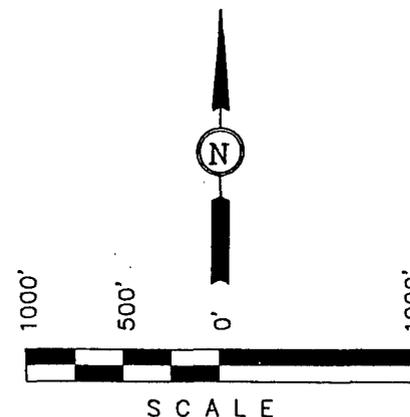
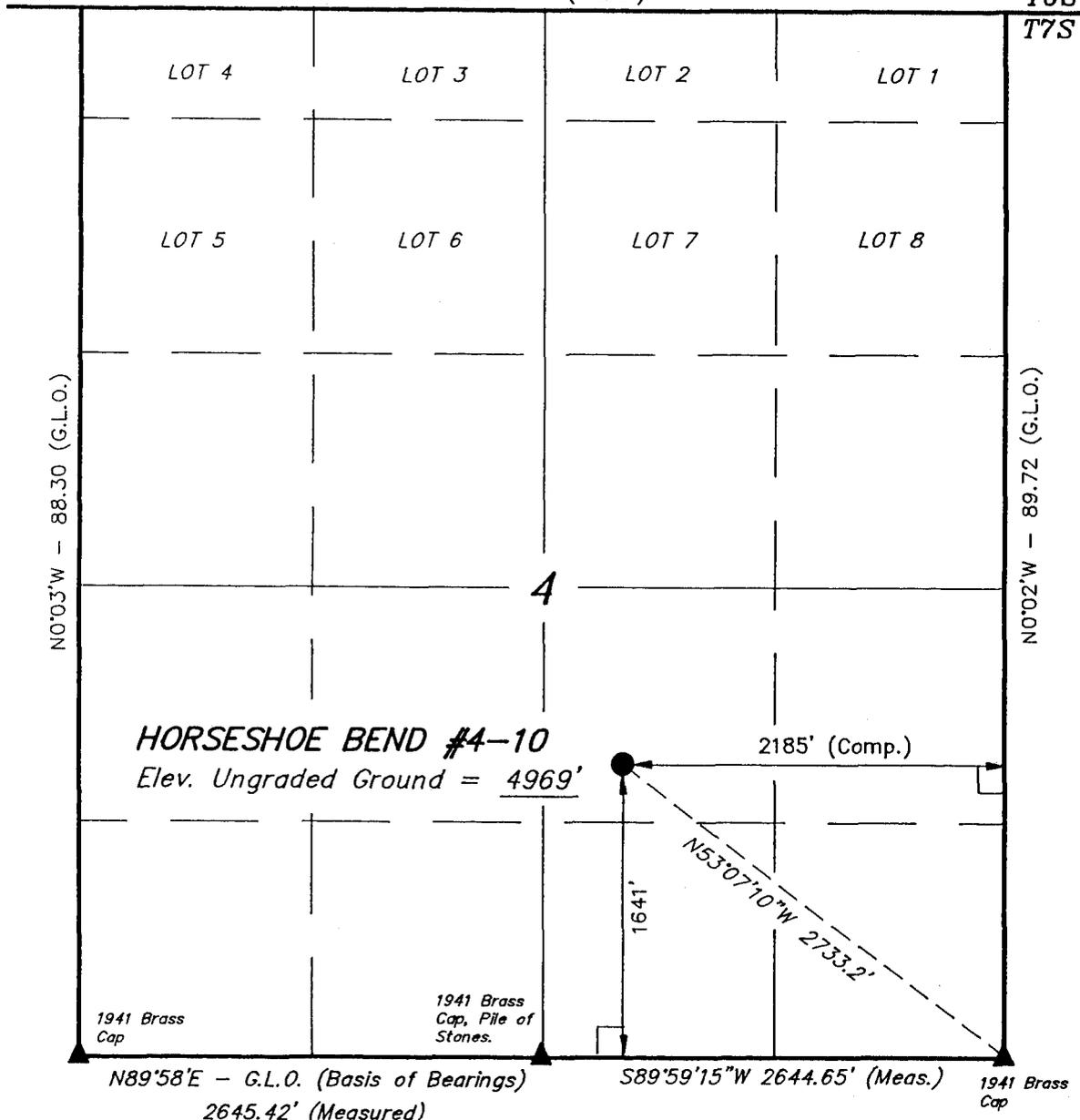
Well location, HORSESHOE BEND #4-10, located as shown in the NW 1/4 SE 1/4 of Section 4, T7S, R22E, S.L.B.&M. Uintah County, Utah.

S88°57'W (G.L.O.)

T6S
T7S

BASIS OF ELEVATION

BENCH MARK 39 EAM LOCATED IN THE NE 1/4 OF SECTION 5, T7S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH NW, 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 4997 FEET.



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 J. Stacey
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161399
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-4-94	DATE DRAWN: 10-11-94
PARTY D.K. B.B. D.J.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SNYDER OIL CORP.	

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SNYDER OIL CORPORATION
Lease #UTU-0136484, Horseshoe Bend #4-10
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T7S, R22E
Uintah County, Utah

DRILLING PROGNOSIS

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Uinta	Surface
Green River	3100'
Total Depth	3300'

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

Uinta	0-3100'	Gas	- Primary Objective
Green River	3100-3300'	Oil/Gas	- Primary Objective

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

3. PRESSURE CONTROL EQUIPMENT - Schematic Attached

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

The Blow-Out Preventer will be equipped as follows:

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

B. Pressure Rating: 3,000 psi

3. PRESSURE CONTROL EQUIPMENT - Continued

C. Testing Procedure:

Annular Preventer

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

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

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

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

Blow-Out Preventer

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

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

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

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

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

3. PRESSURE CONTROL EQUIPMENT - Continued

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

F. Special Drilling Operations:

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

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

3. PRESSURE CONTROL EQUIPMENT

F. Special Drilling Operations: Continued

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

G. Miscellaneous Information:

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

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill the Horseshoe Bend #4-10.

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

4. THE PROPOSED CASING AND CEMENTING PROGRAM

A. Casing Program: All New

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
20 "	16 "	Steel	----	----	0- 60' ¹
12-1/4"	8-5/8"	24.0#	J-55	ST&C	0- 300'
7-7/8"	4-1/2"	10.5#	J-55	LT&C	0-3300'

¹ Conductor optional.

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

4. THE PROPOSED CASING AND CEMENTING PROGRAM

A. Casing Program: Continued

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

B. Cementing Program:

Surface Conductor - Set with approximately five (5) cubic yards (yd³) of Redi-Mix cement, circulated back to surface.

Surface Casing - Set with approximately 250 sx of Class "G" cement + additives, circulated back to surface.

Production Casing - Lead with approximately 190 sx of Pacesetter Lite cement + additives.

Tail with approximately 390 sx of 50/50 Poz-Mix cement + additives.

The production casing string will be cemented back to the 8-5/8" surface casing shoe with 25% excess.

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

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

5. MUD PROGRAM - Visual Monitoring

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 300'	Fresh Water/Gel	8.8-9.3	28-35	No Control
300-3300'	Aerated Brine	8.2-8.8	30-35	+ 25 cc's
As Needed ¹	Brine/2% KCl	9.2-9.6	35-45	15-20 cc's

5. MUD PROGRAM - Continued

¹ The drilling fluids system will consist of air/mist (with brine 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 brine water as the base fluid).

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

No chromate additives will be used in the mud system on Federal or Indian lands without prior approval of the Bureau of Land Management in order to ensure adequate protection of fresh water aquifers.

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

6. EVALUATION PROGRAM

Logs : FDC/CNL/GR/DLL¹ - from 3300' to 300'

¹ Pull Gamma Ray to surface.

DST's : None anticipated.

Cores : None anticipated.

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

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

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

6. EVALUATION PROGRAM - Continued

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

7. ABNORMAL CONDITIONS

No abnormal temperatures or pressures are anticipated. No H₂S 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 1,650 psi (calculated at 0.50 psi/foot of hole) and maximum anticipated surface pressure equals approximately 924 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

A. Anticipated Starting Dates:

Anticipated Commencement Date - November 21, 1994
Drilling Days - Approximately 3 Days
Completion Days - Approximately 7 days

B. Notification of Operations:

Vernal District Office, Bureau of Land Management

Address : 170 South 500 East; Vernal, Utah 84078
Phone : (801) 789-1362
Fax : (801) 789-3634

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

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

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

B. Notification of Operations: Continued

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

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

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

DRILLING/PRODUCING OPERATING STANDARDS

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

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

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

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

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

B. Notification of Operations: Continued

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

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

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

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Area Petroleum Engineer. A *Notice of Intention to Abandon* (Form #3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

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

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

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

B. Notification of Operations: Continued

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

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

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

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

Within sixty (60) days following construction of a new tank battery, a site facility diagram of the battery showing actual conditions and piping must be submitted to the Authorized Officer. Facility diagrams shall be filed within sixty (60) days after existing facilities are modified. For complete information as to what is required on these diagrams, please refer to 43 CFR 3162.7-4(d).

Snyder Oil Corporation
Horseshoe Bend #4-10
Drilling Prognosis
Page 11

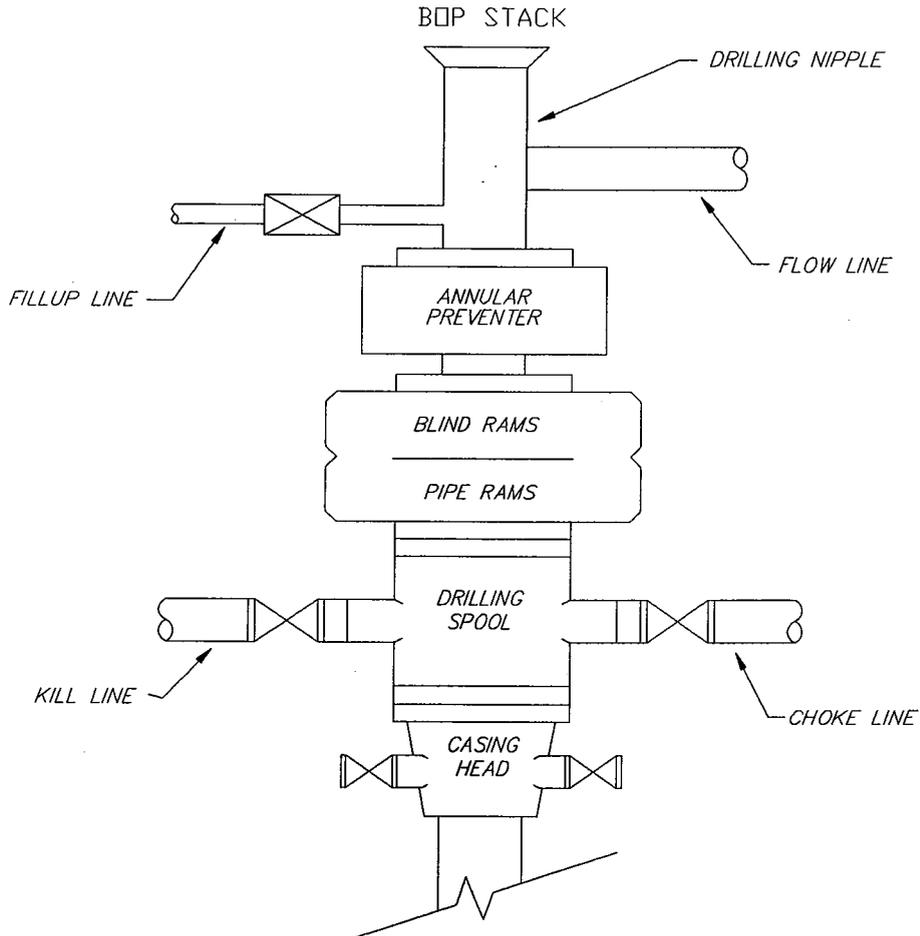
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B. Notification of Operations:

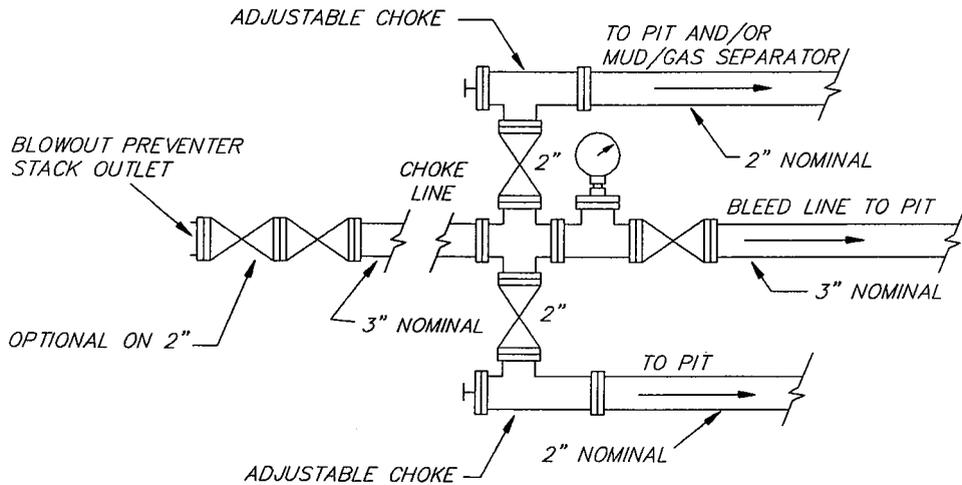
Pursuant to *Onshore Oil & Gas Order Number 1*, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable federal laws and regulations and with state and local laws and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

SNYDER OIL CORPORATION

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



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



SNYDER OIL CORPORATION
Lease #UTU-0136484, Horseshoe Bend #4-10
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T7S, R22E
Uintah County, Utah

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

- A. The proposed well site is staked and four (4) 200-foot reference stakes are present.
- B. To reach the location from the city of Vernal, Utah; proceed generally east and south approximately 3.0 miles on U.S. Highway 40 (a paved U.S. Highway), thence generally south/southeast approximately 17.7 miles on Utah Highway 45 (a paved state highway), thence generally west approximately 0.8 miles on an existing oilfield road (crowned & ditched with a gravel surface), thence generally northwest approximately 0.8 miles to the proposed Horseshoe Bend #4-10 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 Horseshoe Bend #4-10 well location.

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

Approximately 0.8 miles of new road construction will be required for access to the proposed Horseshoe Bend #4-10 well location.

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

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.

2. PLANNED ACCESS ROADS - Continued

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

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

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

Upgrading shall not be allowed during muddy conditions.

- C. Maximum grade - 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 at this time.
E. Drainage design - the access road will be upgraded and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The proposed road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access road route.
F. Culverts, cuts and fills - one (1) 18-inch culvert will be required at the junction of the proposed access road with the existing oilfield road. This culvert will be installed in accordance with roading guidelines contained in the joint BLM/USFS publication: *Surface Operating Standards for Oil and Gas Exploration and Development*, Third Edition regarding road construction standards on public domain lands.

There are no major cuts and/or fills anticipated on/along the proposed access road route.

- G. Surfacing material - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials within the general area, if required by the Authorized Officer, Bureau of Land Management.

2. PLANNED ACCESS ROADS - Continued

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

None anticipated at this time.

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

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

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

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

- A. Water wells - none known.
- B. Abandoned wells - SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 1, T7S, R21E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 1, T7S, R21E.
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 1, T7S, R21E.
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 6, T7S, R22E.
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 6, T7S, R22E.
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 6, T7S, R22E.
- 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 - SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 1, T7S, R21E.
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 Horseshoe Bend #6-12 well location, production facilities will require an area approximately 250' X 125'.

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

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

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

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

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

B. New Facilities Contemplated - Continued

4. The required paint color is *Desert Brown*, Munsell standard color number 10YR 6/3.
 5. If at any time the facilities located on public lands and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the Bureau of Land Management will process a change in authorization to the appropriate statute). The authorization will be subject to the appropriate rental or other financial obligation as determined by the Authorized Officer.
- C. The production (emergency) pit will be fenced "*sheep-tight*" with woven wire mesh having two (2) top strands of barbed wire held in place by metal side posts and wooden corner "H" braces in order to protect livestock and wildlife (refer to Item #9F, page #'s 9 and 10).
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road and any additional areas which may be specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer, Bureau of Land Management.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Fresh water for use in drilling operations will be obtained from production facilities owned by Snyder Oil Corporation and located at the McLish #3 well location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 1, Township 7 South, Range 21 East of Uintah County, Utah.

In the event this source of water proves inadequate, fresh water for use in drilling and cementing operations would be obtained from the municipal water supply for the city of Vernal, Utah.

5. LOCATION AND TYPE OF WATER SUPPLY - Continued

- B. Water will be transported via tank truck over existing roads from the point of diversion to the proposed Horseshoe Bend #4-10 well location. No new road construction will be required on/along the proposed water haul route.

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

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

6. SOURCE OF CONSTRUCTION MATERIALS

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

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

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

7. METHODS OF HANDLING WASTE MATERIALS

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

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 one hundred and eighty (180) days after termination of drilling and completion activities.

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

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

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

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

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

7. METHODS OF HANDLING WASTE MATERIALS - Continued

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

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

- G. Hazardous materials - Snyder Oil Corporation has no plans to utilize, store, transport or dispose of any chemical or chemicals listed on or subject to the Environmental Protection Agency's *Consolidated List of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986*, or any extremely hazardous substances, as defined in 40 CFR 355, on the Horseshoe Bend #4-10 lease.

8. ANCILLARY FACILITIES

None anticipated.

9. WELLSITE LAYOUT

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

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

- B. Figure #1 is a diagram showing a typical rig layout. No permanent living facilities are planned on the Horseshoe Bend #4-10 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.

9. WELLSITE LAYOUT - Continued

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

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

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

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

9. WELLSITE LAYOUT

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

4. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

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

10. PLANS FOR RECLAMATION OF THE SURFACE

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

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

C. Producing Operations:

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production. Any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

2. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.

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.

10. PLANS FOR RECLAMATION OF THE SURFACE

C. Producing Operations: Continued

3. All other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
4. The reserve pit and that portion of the location and access road not needed for production facilities and/or operations will be reclaimed within one hundred and eighty (180) days from the date of well completion, weather permitting.
5. For production, the fill slopes will be reduced from a 1.5:1 slope to a 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).
7. Prior to commencement of seeding operations, the seedbed will be prepared by disking on the contour to a depth of four (4) to six (6) inches, leaving no depressions that would trap water or form ponds.

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

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

10. PLANS FOR RECLAMATION OF THE SURFACE

C. Producing Operations: Continued

9. Fall seeding will be completed after September 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, the Bureau of Land Management will formulate the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

11. SURFACE OWNERSHIP

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

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

12. OTHER INFORMATION

A. General Description of the Project Area:

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

12. OTHER INFORMATION

A. General Description of the Project Area: Continued

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

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

There are no known threatened or endangered species that would be affected by implementation of operations on the Horseshoe Bend #4-10 well location.

B. Surface Use Activities:

The primary surface use is for livestock grazing.

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

1. The closest source of permanent water is the Green River, located approximately 2.5 miles to the northwest of the proposed well location.
2. The closest occupied dwellings are located approximately sixteen (16) miles northwest of the proposed well location in the city of Vernal, Utah.
3. Snyder Oil Corporation will be responsible for informing all persons associated with this project that they will be subject to prosecution for damaging, altering, excavating or removing any archaeological, historical, or vertebrate fossil objects or site(s).

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

12. OTHER INFORMATION

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

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

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

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

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

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

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

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

12. OTHER INFORMATION

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

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

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

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

Representative

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

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

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

Certification

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

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

Certification - Continued

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

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

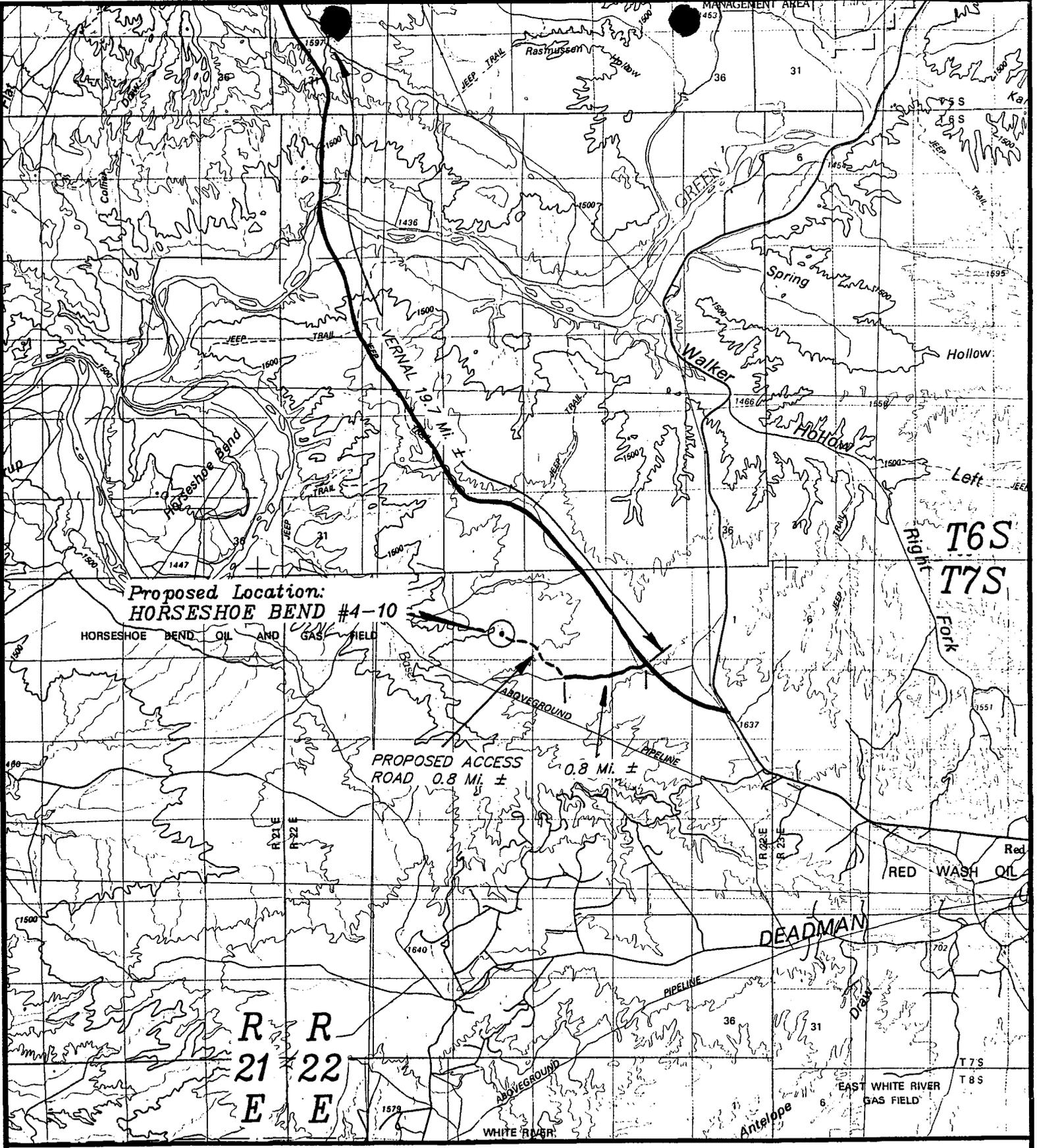
This drilling permit will be valid for a period of one (1) year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period.

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

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Snyder Oil Corporation, their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4 November 1994
Date


Robert M. Anderson/Authorized Agent



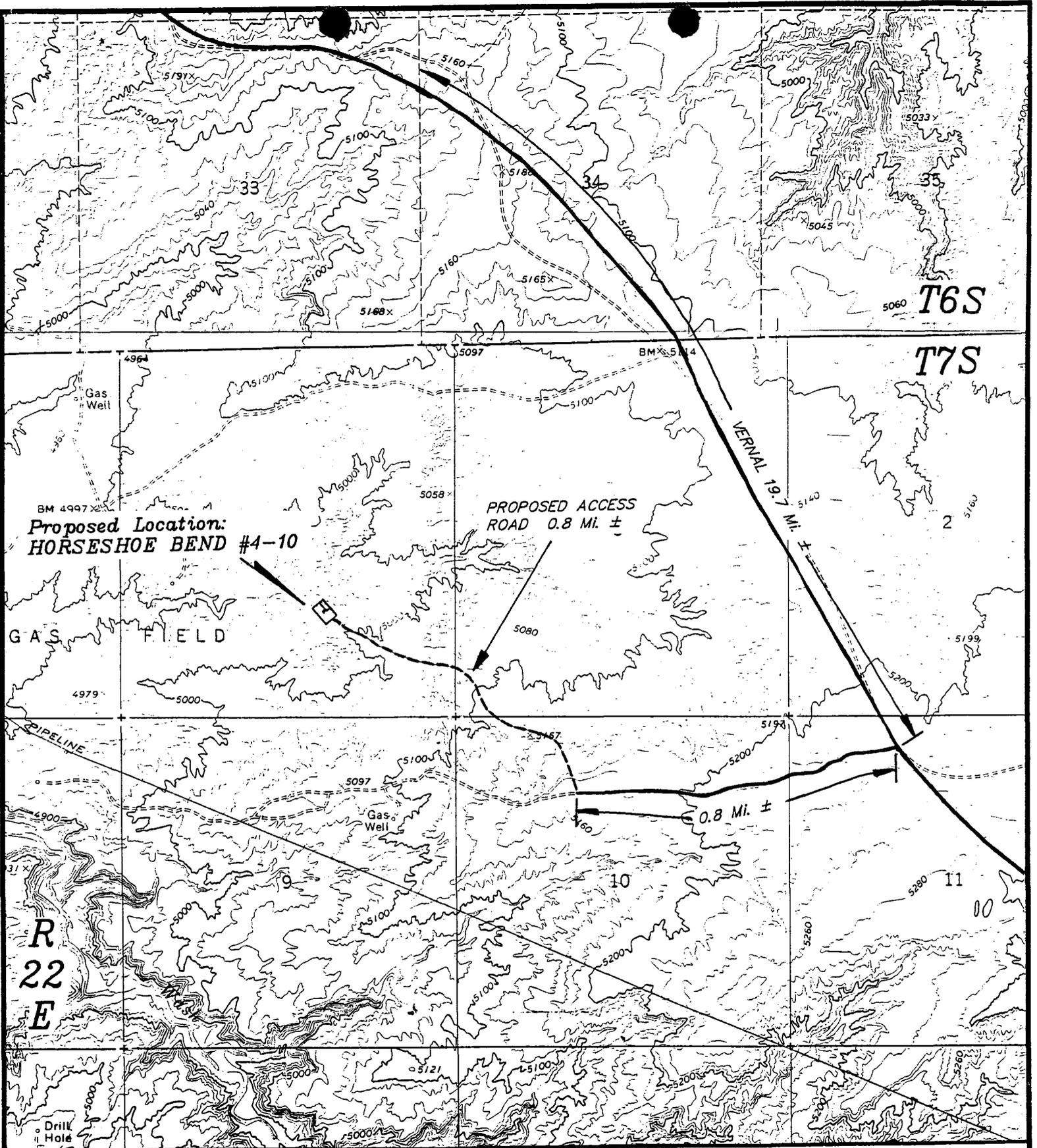
TOPOGRAPHIC
 MAP "A"

DATE: 10-7-94 J.D.S.



SNYDER OIL CORP.

HORSESHOE BEND #4-10
 SECTION 4, T7S, R22E, S.L.B.&M.
 1641' FSL 2185' FEL



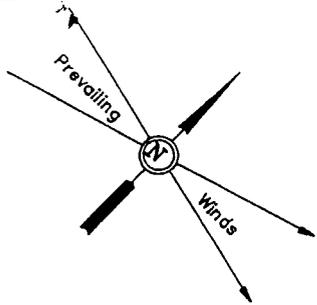
T O P O G R A P H I C
 M A P " B "
 SCALE: 1" = 2000'
 DATE: 10-7-94 J.D.S.



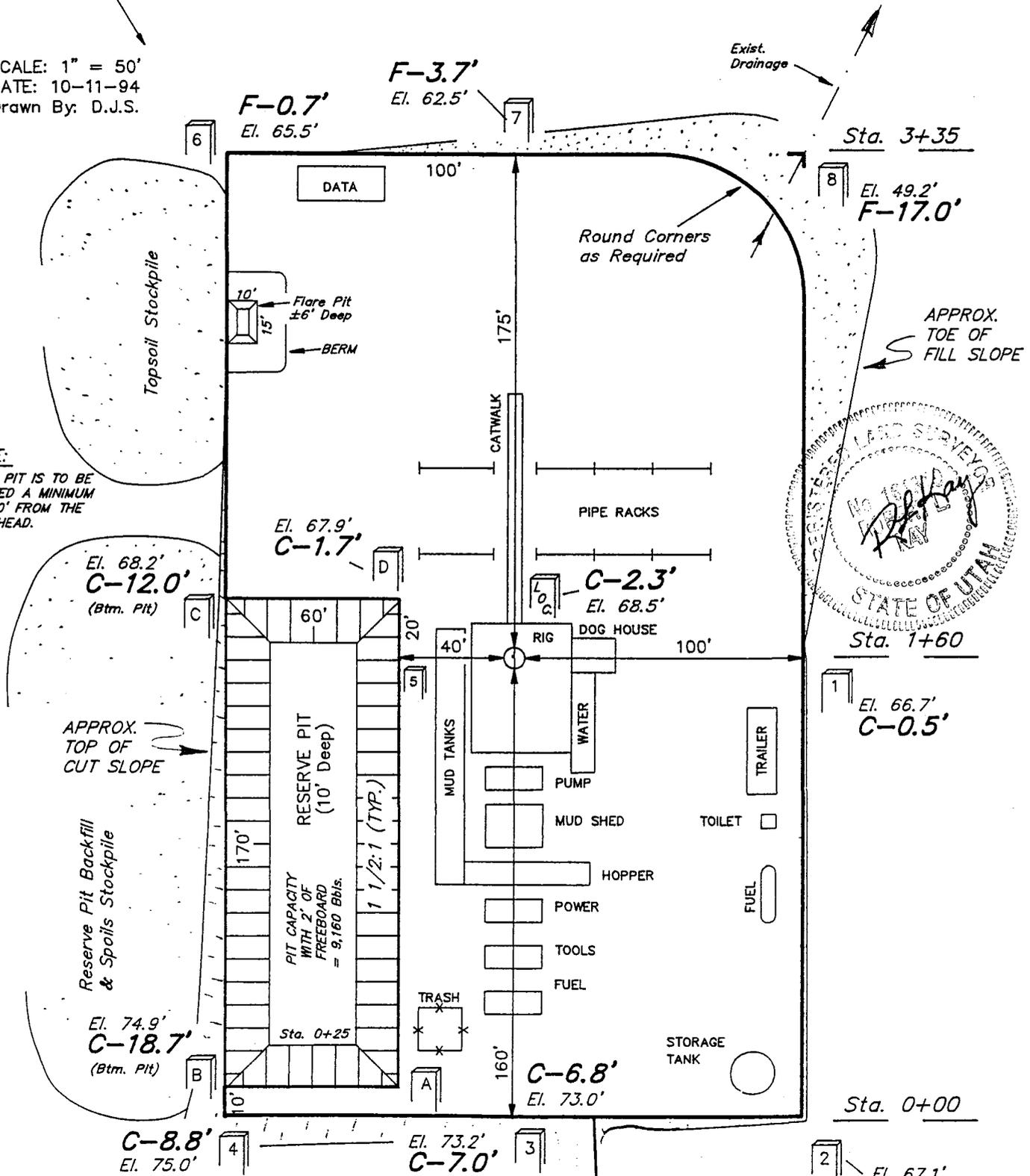
SNYDER OIL CORP.
 HORSESHOE BEND #4-10
 SECTION 4, T7S, R22E, S.L.B.&M.
 1641' FSL 2185' FEL

SNYDER OIL CORP.
LOCATION LAYOUT FOR
HORSESHOE BEND #4-10
SECTION 4, T7S, R22E, S.L.B.&M.
1641' FSL 2185' FEL

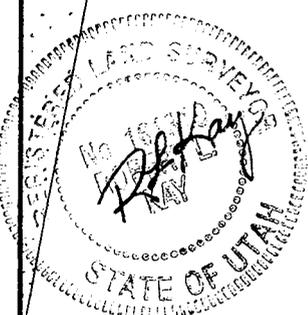
FIGURE #1



SCALE: 1" = 50'
 DATE: 10-11-94
 Drawn By: D.J.S.



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



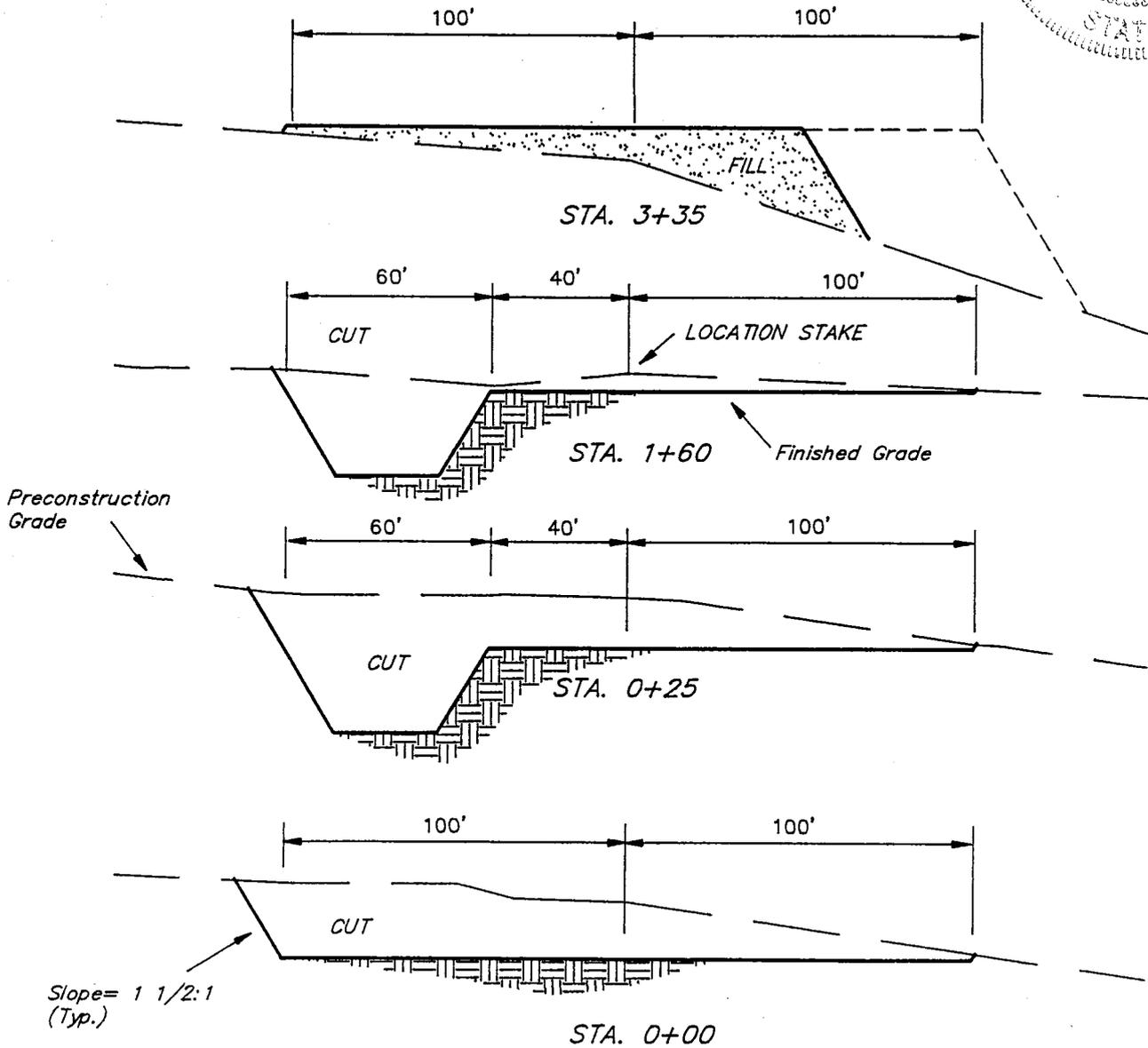
Elev. Ungraded Ground at Location Stake = **4968.5'**
 Elev. Graded Ground at Location Stake = **4966.2'**

SNYDER OIL CORP.
TYPICAL CROSS SECTIONS FOR
HORSESHOE BEND #4-10
SECTION 4, T7S, R22E, S.L.B.&M.
1641' FSL 2185' FEL



1" = 20'
 X-Section Scale
 1" = 50'

DATE: 10-11-94
 Drawn By: D.J.S.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,240 Cu. Yds.
Remaining Location	= 6,880 Cu. Yds.
TOTAL CUT	= 8,120 CU.YDS.
FILL	= 5,290 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,550 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,550 Cu. Yds.
EXCESS CUT MATERIAL	= 0 Cu. Yds.

FIGURE #2

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/10/94

API NO. ASSIGNED: 43-047-32577

WELL NAME: HORSESHOE BEND 4-10
OPERATOR: SNYDER OIL CORP (N1305)

PROPOSED LOCATION:
NWSE 04 - T07S - R22E
SURFACE: 1641-FSL-2185-FEL
BOTTOM: 1641-FSL-2185-FEL
UINTAH COUNTY
HORSESHOE BEND FIELD (620)

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

LEASE TYPE: FED
LEASE NUMBER: UTU-0136484

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal State Fee
(Number WY-2272)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number MALISH #3 WELL)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

___ R649-3-2. General.

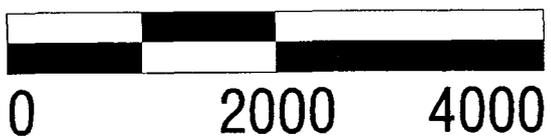
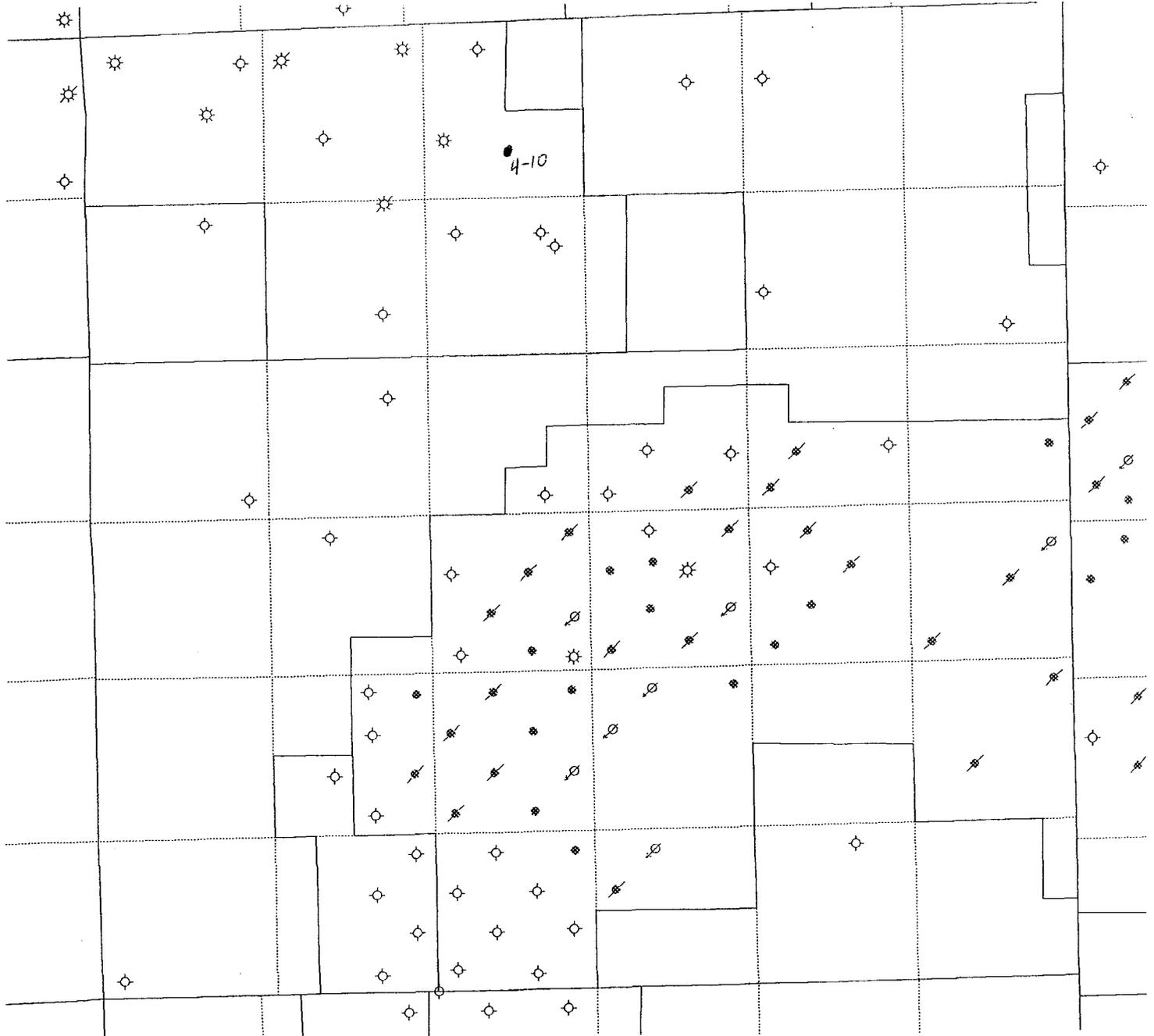
___ R649-3-3. Exception.

Drilling Unit.
Board Cause no: 145-8
Date: 6-28-72 OR 9-19-85

COMMENTS: _____

STIPULATIONS: _____

SNYDER OIL CORPORATION
HORSESHOE BEND 4-10, 6-12, 9-4
SEC. 4, 6, 9, T7S, R22E, UINTAH COUNTY



STATE OF UTAH

Operator: SNYDER OIL CORP.	Well Name: HORSESHOE BEND 4-10
Project ID: 43-047-32577	Location: SEC. 04 - T07S - R22E

Design Parameters:

Mud weight (9.60 ppg) : 0.499 psi/ft
 Shut in surface pressure : 1523 psi
 Internal gradient (burst) : 0.037 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	3,300	4.500	10.50	J-55	ST&C	3,300	3.927		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	1646	4010	2.437	1646	4790	2.91	29.56	132	4.46 J

Prepared by : FRM, Salt Lake City, UT
 Date : 12-09-1994
 Remarks :

Minimum segment length for the 3,300 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 91°F (Surface 74°F , BHT 107°F & temp. gradient 1.000°/100 ft.)
 The mud gradient and bottom hole pressures (for burst) are 0.499 psi/ft and 1,646 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, 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)



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

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

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

December 9, 1994

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

Re: Horseshoe Bend #4-10 Well, 1641' FSL, 2185' FEL, NW SE, Sec. 4, T. 7 S., R. 22 E., Uintah County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 145-8 dated June 28, 1972 or September 19, 1985, and Utah Admin. R.649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. 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.
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
Horseshoe Bend #4-10 Well
December 9, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32577.

Sincerely,



R.J. Firth
Associate Director

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: SNYDER OIL CO.

Well Name: HORSESHOE BEND 4-10

API NO. 43-047-32577

Section 4 Township 7S Range 22E County UINTAH

Drilling Contractor _____

Rig # _____

SPUDDED: Date 12/16/94

Time 11:00 AM

How DRY HOLE

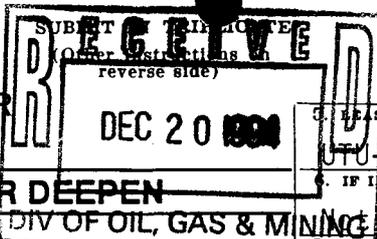
Drilling will commence _____

Reported by JIM SYMINGTON

Telephone # _____

Date: 12/21/94 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. LEASE DESIGNATION AND SERIAL NO. **UTU-0136484**

2. IF INDIAN, ALLOTTEE OR TRIBE NAME **None**

3. UNIT AGREEMENT NAME **Not Applicable**

4. TYPE OF WORK **DRILL** **DEEPEN**

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

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

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

8. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface **1641' FSL, 2185' FEL (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Section 4, T7S, R22E**
At proposed prod. zone **Same As Above**

9. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* **Approximately 16 Miles South/Southeast of Vernal, Utah**

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **1641'**

11. NO. OF ACRES IN LEASE **320**

12. NO. OF ACRES ASSIGNED TO THIS WELL **320**

13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **3300'**

14. PROPOSED DEPTH **3300'**

15. ROTARY OR CABLE TOOLS **Rotary**

16. ELEVATIONS (Show whether DF, RT, GR, etc.) **4969' GR**

17. APPROX. DATE WORK WILL START* **November 21, 1994**

23. (ALL NEW) PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24.0#	0- 300'	250 sx Circulated to Surface *
7-7/8"	4-1/2" J-55	10.5#	0-3300'	579 sx Cement *

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

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Snyder Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the Horseshoe Bend #4-10, Federal Lease #UTU-0136484. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Snyder Oil Corporation, Nationwide Bond #WY-2272, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

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

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

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

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE DEC 13 1994

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Snyder Oil Corporation

Well Name & Number: Horseshoe Bend 4-10

API Number: 43-047-32577

Lease Number: UTU-0136484

Location: NWSE Sec. 04 T.07S R. 22E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Usable Water zone, identified at ± 3084 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to **Top of Cement** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

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

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne Bankert (801) 789-4170
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PROGRAM
Conditions of Approval (COAs)

Additional Surface Conditions of Approval

The reserve pit will be lined to prevent water loss through seepage. This liner will have a minimum 12 ml thickness with sufficient bedding material to cover any rocks.

Three silt catchment dams and basins will be constructed according to BLM specifications where flagged.

Contact Byron Tolman when Construction of the access road begins for a discussion of the specifications involved.

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE PETITION OF TXO	*	
PRODUCTION CORPORATION FOR AN ORDER	*	
ALLOWING TWO PRODUCTION WELLS WITHIN	*	FINDINGS OF FACT,
ESTABLISHED 320 ACRE SPACING UNITS	*	CONCLUSIONS OF LAW,
FOR THE UINTA FORMATION IN THE	*	AND ORDER
HORSESHOE BEND FIELD, UINTAH COUNTY,	*	
UTAH.	*	Docket No. 85-044
	*	Cause No. 145-8
	*	

Pursuant to the Petition of TXO Production Corporation, this cause came on for hearing before the Board of Oil, Gas & Mining, Department of Natural Resources and Energy, State of Utah, on Thursday, August 22, 1985, at 10 o'clock a.m. in the Board Room of the Division of Oil, Gas & Mining, 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah. The following Board members were present:

Gregory P. Williams, Chairman
James W. Carter
Richard B. Larsen
John M. Garr
E. Steele McIntyre
Charles R. Henderson

The Board was represented by Mark C. Moench, Esq., Assistant Attorney General for the State of Utah.

Appearances for the Division of Oil, Gas & Mining were made by:

Ronald J. Firth, Associate Director,
Oil & Gas

John R. Baza, Petroleum Engineer

The Division was represented by Barbara W. Roberts, Assistant Attorney General for the State of Utah.

The Petitioner, TXO Production Corporation was represented by John A. Harja of Hugh C. Garner & Associates, 310 S. Main Street, Suite 1400, Salt Lake City, Utah 84101.

Testimony was given by:

Ricky J. Taylor; Geologist, for Petitioner
Russ E. Gillis; Petroleum Engineer, for Petitioner
Thomas A. Mitchell; Attorney-at-law, for Petitioner

Mr. Assad M. Raffoul, Petroleum Engineer of the Utah State Office of the Bureau of Land Management was also present.

NOW, THEREFORE, the Board having considered the testimony adduced and the exhibits reviewed in said hearing, and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the Rules and Regulations of the Board. Said parties are listed in Exhibit "B" attached to the Petition.

2. The Board has jurisdiction over the subject matter of the Petition and over all parties interested therein and has jurisdiction to make and promulgate the Order hereinafter set forth.

3. The Board entered its Order in Cause No. 145-2 to establish 320 acre spacing units for the Uinta formation within the following lands:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 34-36

Township 6 South, Range 22 East, S.L.M.
Sections 28-33

Township 7 South, Range 21 East, S.L.M.
Sections 1-3, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

These 320 acre drilling units are composed of the N1/2 and S1/2 of each governmental surveyed section.

4. The Order in Cause No. 145-2 further provided that well sites within the units would be located not less than 1000 feet from the North line and 1000 feet from the East line of the Northeast Quarter, and not less than 1000 feet from the South line and 1000 feet from the West line of the Southwest Quarter of each section, except in Section 2, Township 7 South, Range 21 East, S.L.M., and Sections 27 and 34 of Township 6 South, Range 21 East, S.L.M., where the permitted well locations were established as not less than 1000 feet from the North line and 1000 feet from the West line of the Northwest Quarter and not less than 1000 feet from the South line and 1000 feet from the East line of the Southeast Quarter of each such exception section.

5. The Order in Cause No. 145-2 further provided that the Board may by administration make exceptions to the prescribed well

locations in the event topographic and other structural considerations so require.

6. This Board entered its Order in Cause No. 145-3 to extend the provisions of the Order in Cause No. 145-2 to Section 4, Township 7 South, Range 21 East, S.L.M., Uintah County, Utah.

7. This Board entered its Order in Cause No. 145-4 to allow for the drilling of and simultaneous production from two wells in the Uinta formation within each 320 acre spacing drilling unit in Sections 31, 32 and 33 of Township 6 South, Range 22 East, S.L.M.

8. The Order in Cause No. 145-4 restricted the permitted well locations within Sections 31, 32 and 33 to the area not less than 500 feet from the boundaries of each surveyed quarter section.

9. The Order in Cause No. 145-4 provided that the Board may administratively make exceptions to the prescribed well locations in the event topographic and other structural variations so require.

10. This Board entered its Order in Cause No. 145-5 to allow, inter alia, two production wells per 320 acre spacing unit for the Uinta formation within Sections 28, 29, 30 of Township 6 South, Range 22 East, S.L.M. Said Order further provided that the permitted well locations should be located within each quarter Section, no closer than 500 feet from the boundaries of such quarter section, and that exception locations to the prescribed well locations may be granted administratively by the Division of Oil, Gas & Mining in the event topographic conditions so require.

11. This Board entered its Order in Cause No. 145-6 to extend the 320 acre Uinta formation spacing (established by Cause No. 145-2) to Section 32, Township 6 South, Range 21 East, S.L.M. Said Order also provided that exceptions to the prescribed well locations, may be granted administratively, (without Board hearing) in the event topography or other structural reasons so require.

12. The Uinta formation constitutes a common source of supply of gas under the following tracts:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 32, 34-36

Township 7 South, Range 21 East, S.L.M.
Sections 1-4, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

13. One well per each 320 acre drilling/spacing unit previously established on the lands described in paragraph 12 will not effectively, efficiently, or adequately drain the gas within the Uinta formation.

14. Economic evaluation of the proposed wells in the lands described in paragraph 12 indicates that the wells will very probably recover commercial amounts of gas, reach payout and provide a good rate of return to investors.

15. The Board has the authority, pursuant to Section 40-6-6(4) U.C.A. (1953 as amended) to modify previous orders to authorize additional wells on each previously established spacing/drilling unit.

16. To protect the correlative rights of the various interest owners, and to prevent waste, maximize recovery of the natural

resource, and prevent the drilling of unnecessary wells, the Board should enter an Order permitting two (2) wells to be drilled and produce simultaneously within each 320 acre Uinta formation drilling unit on the lands described in paragraph 12 above.

17. The permitted well locations within each 320 acre Uinta formation spacing unit should be within each government surveyed quarter section, one well per quarter section, no closer than 500 feet from the boundaries of each quarter section.

18. The Division of Oil, Gas and Mining, or successor agency, should have the right to administratively approve exceptions to the prescribed well locations if topographical, cultural, geological or other considerations so require.

CONCLUSIONS OF LAW

1. The Board has the authority, pursuant to Section 40-6-6(4) U.C.A. (1953 as amended) to modify previous orders to authorize additional wells on each previously established spacing/drilling unit.

2. An Order permitting (a) the drilling of additional wells on existing units as provided herein, and (b) the simultaneous production of two wells per 320 acre Uinta formation spacing/drilling unit will prevent waste, maximize recovery, prevent the drilling of unnecessary wells, and protect the correlative rights of interest owners.

Sufficient evidence now being available upon which to reach a decision, the Board issues the following:

ORDER

Based upon evidence presented covering the geology, ownership, reservoir characteristics and reserves of natural gas, and to protect correlative rights and maximize the recovery of gas, the Orders issued in Cause Nos. 145-2, 145-3, 145-6, and 145-7 are hereby amended to the extent necessary to authorize the following:

1. Two production wells are allowed per each 320 acre Uinta formation drilling unit on the following lands:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 32, 34-36

Township 7 South, Range 21 East, S.L.M.
Sections 1-4, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

2. The permitted well locations within each 320 acre drilling unit are within each government surveyed quarter section, one well per quarter section, at a point no closer than 500 feet from the boundaries of each quarter section;

3. The Division of Oil, Gas & Mining, or successor agency, may administratively approve exceptions to the prescribed well locations pursuant to Rule C3 of the General Rules and Regulations of the Board (or any duly promulgated replacement rule) if topographical, cultural, geological or other considerations so require;

4. The Board retains exclusive and continuing jurisdiction of all matters covered by this Order and of all parties affected

thereby, and particularly reserves exclusive and continuing jurisdiction to make further orders as appropriate and as authorized by statute and regulation.

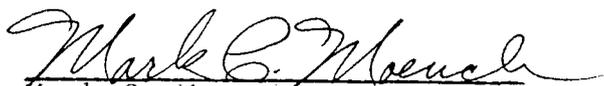
DATED this 19th day of Sept., 1985.

STATE OF UTAH
BOARD OF OIL, GAS & MINING



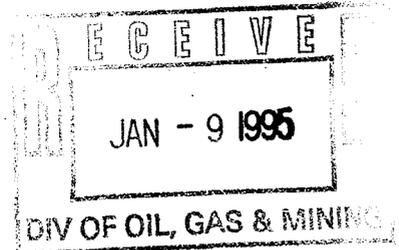
Gregory P. Williams, Chairman

Approved as to form:



Mark C. Moench
Assistant Attorney General

43-047-32577
Snyder Oil Corporation
Horseshoe Bend No. 4-10
Section 4, T7S, R22E
Uintah County, Utah
December, 1994



Wellsite Geologist: Peter Debenham
330 Hideaway Circle Rd
Evergreen, CO 80439
303/674-0633

MICROBICHE

Well Data

Operator: Snyder Oil Corporation - Denver, CO

Project Geologist: S. Garrett Russell

Well Name: Horseshoe Bend No. 4-10, Horseshoe Bend Gas Field

Location: NE, SE, Section 4, T7S, R22E, 2185' FEL & 1641' FSL, Uintah County, Utah - 20 miles SE of Vernal

Elevation: Ground Level 4969', Kelly Bushing 4981'

Spud Date: December 30, 1994 - 8 PM

Total Depth: January 2, 1995 Green River Formation
Driller 3300', Logger 3259' - Bridged out at top of Green River

Surface Casing: New 8 5/8", 24 Lbs/ft., ST&C J55 set at 304' with 250 sacks cement - did circulate.

Contractor: Chandler Drilling Rig No. 7, Toolpusher - Leon Schieltz
Type: Double jackknife, double stand

Drilling Engineer: Jim Simonson

Consulting Geologist: Peter Debenham with portable Tooke Engineering hotwire gas detection unit. Evergreen, CO 303/674-0633

Samples: 50' to 2000', 20' to TD and 10' through zones of interest. One set dry cut stored with Snyder Oil Corp.

Mud Program: Rocky Mountain Fluid Technologies, Inc. - Denver, CO
Engineer Lew Arnolds Type - Native

Electric Logs: Schlumberger - Vernal, Utah Engineer Arthur White
1) Dual Laterolog 2) Neutron/Density

Production: 4 1/2" production casing run to the Uintah Sands 1/3/95

Well Summary

The Snyder Oil Corporation, Horseshoe Bend No. 4-10 was drilled as a development well in the Horseshoe Bend Gas Field to a total depth of 3300' in the Green River Formation. No unusual drilling problems occurred. The Uintah B Zone came in at 2722' (+2259') and the Green River at 3238' (+1743'). The Uintah B ran 38' high to the Federal Miller No. 1 - approximately 1/2 mile to the West and which IP for 1500 MCFGPD after treatment. The Uintah B ran 89' low relative to the West Walker Federal No. 1-9, 1/2 mile to the south and the Green River came in 29' low.

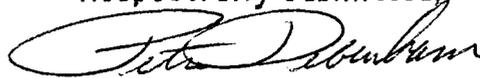
Numerous Sandstone intervals were documented during the drilling of this test (enclosed striplog). The most noteworthy of which occurred at 2748'-2755', 2994'-3008', 3065'-3075', and 3159'-3168'. A 90 Unit gas kick occurred on the hotwire from a 3' drill break (1/2 min./ft.) from 2752' to 2755'. This interval consists of a Sandstone - Light brown, white, salt and pepper, very friable, medium lower to very fine upper, moderately sorted, subround grains, calcareous cement, clean, some clay infill, glauconitic, slightly arkosic, fair to good intergranular porosity, no fluorescence, no stain or cut, with loose unconsolidated grains.

Other less well developed intervals grade between a Siltstone to a very fine Sandstone - Medium gray to brown, slightly friable, clay and calcareous cement, glauconitic, arkosic, micaceous, poor visible porosity, no show.

The drill pipe pulled tight upon coming out for E-logs so a short trip was conducted to work and clean up the hole. 480 Units and gassy drilling fluid were noted upon completion of the short trip.

4 1/2" production casing was run on the Horseshoe Bend No. 4-10 on 1/3/95 with probable gas production from the mentioned Sandstone intervals.

Respectfully Submitted,



Peter Debenham

Well Chronology

<u>DATE</u>	<u>MIDNIGHT DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
12/29	0'	0	Move to location and rig up rotary tools.
12/30	524'	524'	Fire up light plant, draw works motors and rig up water and steam lines. Tighten well head. Nipple up and pressure test BOP and install choke lines. 8 5/8" surface casing was previously set at 304' Pick up drill collars. Drill cement(262'), plug(288') and shoe(304'). Run survey(1/4°) and drill new 7 7/8" hole to 524'.
12/31	2023'	1499'	Drill to 2023'. Run surveys(1°). Fuction test BOP.
1/1/95	3095'	1072'	Drill to 3095'. run surveys(1°). Test BOP and check for flow at 2496', 2544', and 2605'.
1/2/95	3300' TD	205'	Drill to 3300' TD and circulate for logs. Drop survey(1°) and start out of the hole. Pulled tight off bottom. Run short trip. Break circulation and work pipe. Pump sweep and circulate. Trip out for logs and run E-logs, bridged out at 3259' and unable to get to bottom. Tool stuck at 2476'-worked free. Left a piece of bow spring in the hole. Run back in and finish logging. Wait on casing.
1/3/95	TD		Run 4 1/4" production casing. Rig down and move rig.

Mud Properties

Date	Depth	Wt	Vis	YP	WL	pH	CI
12/30	310'	8.3	26	NC	NC	7.0	200
1/1/95	2845'	8.5	26	NC	NC	12.0	18,000
1/2/95	3300'	8.4	26	NC	NC	12.0	16,000

Bit Record: No. 1 7 7/8", Sandvick CFS 30 Out 3300', cut 2996' in 55 hours

DEVIATION RECORD: 303' 1/4°, 814' 1/4°, 1335' 1/2°, 1826' 1°, 2321' 1°, 2805' 1°, 3300' 1°

Lithology Description

Samples are lagged

*Indicates Hydrocarbon show

- 500 - 525' Shale - Medium mottled red brown, light to medium brown, blocky, earthy, waxy, calcareous
- 525 - 575' Sandstone - Brown, medium gray, friable, fine well sorted subround grains, calcareous and clay cement, tight, no show, interbedded with Shale - As above
- 575 - 640' Shale - Medium red brown to brown, gray, mottled, soft, blocky, earthy, sandy, calcareous
- 640 - 715' Sandstone - Clear, white, salt and pepper, friable, fine lower to coarse lower poorly sorted subround grains, calcareous cement, poorly consolidated and with abundant loose unconsolidated grains, no show, interbedded with Shale - Medium brown, red brown, blocky, silty to sandy, calcareous
- 715 - 750' Sandstone - Light brown to gray, friable, fine upper to fine lower well sorted grains, calcareous cement, clean, no show
- 750 - 900' Shale - Red brown, mottled, soft, earthy, waxy, calcareous, sandy, interbedded with Sandstone - Brown to light gray, white, friable, fine well sorted subround grains, calcareous and clay cement, no show
- 900 - 1015' Shale - Medium mottled red brown to brown, gray, green, varicolored, blocky, waxy, calcareous, sandy in part
- 1015 - 1110' Shale - Medium gray to brown, red brown, green to yellow, varicolored, blocky, earthy, waxy, calcareous, interbedded with Sandstone - Medium gray, slightly friable, fine well sorted grains, calcareous and clay cement, tight, no show
- 1110 - 1225' Sandstone - Light brown to gray, gray green, friable, fine well sorted grains, calcareous and clay cement, no show, interbedded with Shale - As above
- 1225 - 1450' Shale - Brown, gray, violet, green, red, mottled, varicolored, blocky earthy, calcareous, interbedded with Sandstone - As above, no show

- 1450 - 1485' Shale - Dark to medium red brown, blocky, earthy, waxy, calcareous
- 1485 - 1525' Shale - medium brown, gray, waxy, calcareous
- 1525 - 1640' Shale - Mottled red brown, gray, gray green, varicolored, firm, blocky, earthy, waxy, calcareous
- 1640 - 1705' Shale - Medium gray, brown, waxy, calcareous
- 1705 - 1740' Shale - Medium brown, yellow, red to green, varicolored, earthy, blocky, calcareous, sandy and occasionally grading to Sandstone - Brown, gray, firm, very fine well sorted grains, clay cement, silty, tight, no show
- 1740 - 1925' Shale - Red, brown, gray, green, yellow, varicolored, blocky, earthy, waxy, calcareous, sandy in part
- 1925 - 2025' Shale - Medium gray to green, brown, violet, red brown, varicolored blocky, earthy, waxy, calcareous, occasionally interbedded with Sandstone - Medium brown, gray, yellow, friable, fine well sorted grains, calcareous and clay cement, tight, no show
- 2025 - 2110' Shale - Brown, gray, red brown, blocky, earthy, calcareous, silty, interbedded with Siltstone to very fine Sandstone - Brown, gray, clay cement, calcareous, tight, no show
- 2110 - 2204' Sandstone - Gray to gray green, brown, salt and pepper, slightly friable, fine upper to medium lower poorly sorted subangular grains calcareous and clay cement, micaceous, arkosic, tight, no show, interbedded with Shale - Gray green, brown, varicolored, blocky, waxy, calcareous, sandy in part
- 2204 - 2304' Shale - Red brown, gray, green, yellow, varicolored, soft, earthy, blocky, calcareous, moderately sandy in part and occasionally grading to Sandstone - Gray, brown, friable, fine well sorted grains clay and calcareous cement, no show
- 2304 - 2315' Limestone - Brown, gray, micrite, cryptocrystalline, hard, dense, marly, sandy, tight, no show, interbedded with Shale - Medium gray, blocky, hard, sandy, calcareous
- 2315 - 2370' Sandstone - Medium gray to gray green, brown, salt and pepper, hard, slightly friable, medium upper to fine lower poorly sorted subround grains, calcareous cement, pyritic, micaceous, arkosic,

- marly in part, tight no show, interbedded with Shale - Green, gray, brown, waxy, firm, sandy, calcareous
- 2370 - 2382' Shale, medium gray, gray green, brown, firm, blocky, earthy, sandy in part, calcareous
- 2382 - 2436' Sandstone - Light to medium gray, gray green, hard, slightly friable fine lower well sorted subround grains, clean to argillaceous, micaceous, glauconitic, pyritic, tight, no show, interbedded with Shale - Gray green to gray, blocky, waxy, calcareous, trace Limestone
- 2436 - 2476' Shale - Green, gray green, blocky, waxy, calcareous
- 2476 - 2505' Sandstone - Medium gray to gray green, salt and pepper, friable, fine upper well sorted subround grains, calcareous and clay cement, abundant clay infill, pyritic, glauconitic, arkosic, poor visible porosity, no show
- 2505 - 2540' Shale - Medium green, firm, blocky, sandy, calcareous
- 2540 - 2608' Sandstone - Light brown, gray green, friable, fine upper to medium lower well sorted subround to round grains, calcareous cement, clean to argillaceous, glauconitic, pyritic, trace intergranular porosity, no show, interbedded with Shale - Medium gray, gray green, red brown, blocky, waxy, calcareous, trace Limestone - Brown, micrite, finely crystalline, sandy, tight, no show
- 2608 - 2620' Shale - Gray, brown, red, green, varicolored, blocky, earthy, waxy calcareous
- 2620 - 2654' Siltstone to very fine Sandstone - Light brown to gray, friable, clay and calcareous cement, poor visible porosity, no show, interbedded with Shale - Gray green, brown, blocky, calcareous, silty
- 2654 - 2710' Limestone - White, soft, chalky, clean, sandy, tight, no show, interbedded with Shale - Green to gray, waxy, blocky, calcareous, occasionally interbedded with Sandstone - Brown, friable, medium upper to fine upper, moderately sorted, round grains, calcareous and clay cement, abundant clay infill, glauconitic, tight, no show
- 2710 - 2752' Sandstone - Light brown, friable, fine upper to very fine upper well sorted subround to round grains, calcareous cement, clean to argillaceous, glauconitic, arkosic, micaceous, tight to trace inter-

granular porosity-abundant clay infill, no fluorescence, no stain or cut, interbedded with Shale - Gray green, green, brown, blocky, waxy, calcareous

2752 - 2755'
90 Units

Sandstone - White, light brown, friable, medium lower to very fine upper moderately sorted subround grains, calcareous cement, slightly glauconitic, clean, good to fair intergranular porosity, no fluorescence, no stain or cut, with abundant unconsolidated grains

2755 - 2800'

Shale - Red brown to brown, green, gray, yellow, varicolored, blocky, earthy, waxy, calcareous, interbedded with Siltstone to very fine Sandstone - Gray, slightly friable, calcareous and clay cement, micaceous, glauconitic, tight, no show

2800 - 2830'

Sandstone - Light brown, friable, fine upper to fine lower moderately sorted subround to round grains, calcareous cement, clay infill, arkosic, glauconitic, pyritic, trace intergranular porosity, no show

2830 - 2870'

Shale - Red brown, green to gray, varicolored, blocky, waxy, calcareous, sandy in part

2870 - 2880'

Sandstone - Light brown to gray, friable, medium lower to very fine upper moderately sorted subround grains, calcareous cement, clay infill, glauconitic, pyritic, poor visible porosity, no fluorescence, no stain or cut

2880 - 2924'

Shale - Red to yellow brown, orange, green, varicolored, blocky, earthy, waxy, calcareous, interbedded with Siltstone to very fine Sandstone - Light gray to brown, friable, very fine well sorted grains, calcareous and clay cement, glauconitic, tight, no show

2924 - 3010'

Shale - Red to yellow brown, green, orange, violet, varicolored, blocky, earthy, waxy, calcareous, occasionally interbedded with Siltstone to very fine Sandstone - As above, poor visible porosity, no show

3010 - 3030'

Shale - Medium red brown, gray, green, varicolored, blocky, waxy, calcareous, earthy

3030 - 3045'

Sandstone - Light brown, friable, very fine upper well sorted subround grains, calcareous cement, clean, tight, no show, with Shale - As above

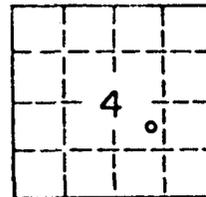
- 3045 - 3065' Shale - Red brown, orange, brown, green, varicolored, blocky, earthy, waxy, calcareous
- 3065 - 3074' Sandstone - White, light brown, slightly friable, coarse lower to fine upper moderately sorted subround grains, calcareous and clay cement, glauconitic, arkosic, poor visible porosity, no show
- 3074 - 3130' Shale - Red brown, green, gray, yellow, varicolored, blocky, firm, earthy, calcareous
- 3130 - 3170' Shale - Varicolored, waxy, calcareous, occasionally interbedded with Sandstone - Light gray, white, hard, dense, fine upper well sorted subangular grains, siliceous cement, clean, pyritic, tight, no fluorescence, no stain or cut
- 3170 - 3200' Shale - Green, gray, red brown, varicolored, blocky, waxy, calcareous, trace Coal
- 3200 - 3240' Shale - Red brown to brown, green, gray, yellow, varicolored, waxy, calcareous, sandy in part
- 3240 - 3260' Dolomite - Light brown, finely crystalline, clean, tight, no show, interbedded with Shale - As above, trace Sandstone - White, light brown, hard, dense, fine, well sorted grains, siliceous and clay cement, micaceous, pyritic, tight, no show
- 3260 - 3300'
TD Shale - Red brown, gray, green, varicolored, blocky, waxy, calcareous

WELL LOG

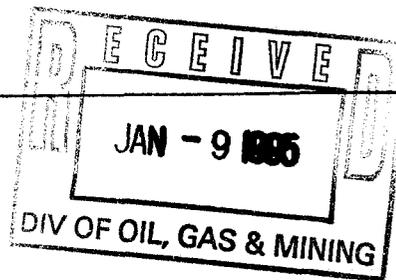
DRILLING
COMMENCED 12/30/94
TERMINATED 1/2/95
DRILLER T.D. 3300'
LOGGING T.D. _____

COMPANY SNYDER OIL CORPORATION
WELL HORSESHOE BEND NO. 4-10
SEC 4 T 7S R 22E, 2185' FEL, 1641' ESL
COUNTY UINTAH
STATE UTAH

REMARKS ELEV. GL 4969' KB 4981'
CHANDLER DRLG RIG NO. 7
ROCKY MTN FLUID
SCHLUMBERGER
8 5/8" CSG SET AT 304'



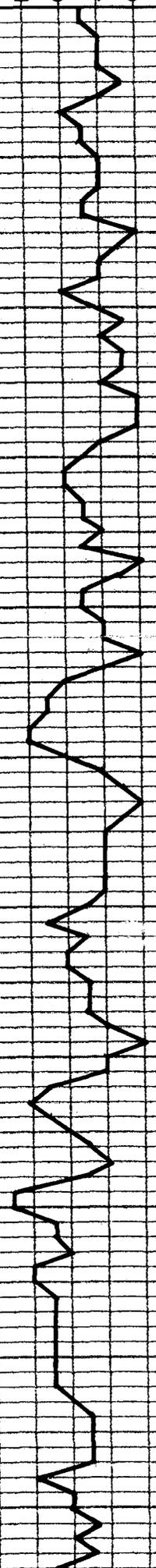
GEOLOGIST PETER DEBENHAM
EVERGREEN, CO 303/674-0633



HYDC
SHOW
WK
GD
EXC

MIN/5 FEET
2 3 4 5 6 7 8 9

TOTAL GAS UNITS
10 30 50 70 90



500

600

700

800

900

1000

SH M MOT RED BRN LT TO M BRN
BLKY RTHY WXY CALC

SS BRN M GY FRI F W SRTO SB
RND GRS CALC & CLAY GNT TT
NO SHOW INTBD W/

SH MOT RED BRN LT TO M BRN
BLKY RTHY WXY CALC

SH M RED BRN TO BRN GY MOT
SET BLKY RTHY SNDY CALC

SS CLR YH SXP FRI FL TO CL
P SRTO SRND GRS CALC CNT
P CONSL CLN ABT UNCONSL GRS
NO SHOW INTBD W/

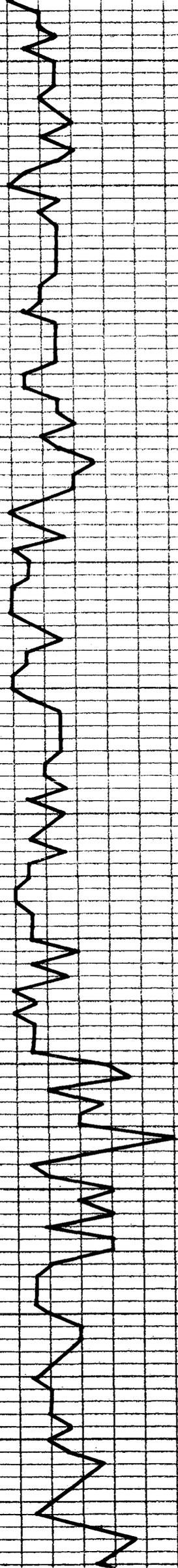
SH M BRN RED BRN BLKY SITY TO
SNDY CALC

SS LT BRN TO GY FRI FU TO FL
W SRTO GRS CALC CNT CLN
NO SHOW

SH RED BRN MOT SET RTHY WXY
CALC SNDY INTBD W/

SS BRN TO LT GY WH FRI F W SH
TO SBAND GRS CALC & CLAY
CNT NO SHOW

SH M MOT RED BRN TO BRN GY
GN VARIG BLKY RTHY WXY
SNDY TP



1100

1200

1300

1400

1500

1600

SH M GY TO BRN RED BRN GN TO
YEL VARIC BLKY RTHY WXY
CALC INTD W/
SS M GY SL FRI F W SRTD GRS
CALC & CLAY CMT TT NO SHOW

SS LT BRN TO GY GYCN FRI F
SRTD GRS CALC & CLAY CMT
P VIS Ø NO SHOW INTD W/
SH M GY TO BRN REDBRN GN YEL
VARIC BLKY RTHY CALC SNDY

SS LT BRN TO GY GYCN FRI F W
SRTD SBRND GRS CALC & CLAY
CMT APT CLAY INTD TT
NO SHOW INTD W/
SH RED BRN GY GN YEL VARIC
BLKY RTHY WXY CALC OGC SNDY

SS LT BRN TO GY GYCN FRI F W
SRTD SBRND GRS CALC & CLAY
CMT P VIS Ø NO SHOW INTD W/
SH BRN GY VIOL GN RED VARIC
BLKY RTHY CALC

SH DK TO M REDBRN BLKY RTHY
WXY CALC

SH M BRN TO GY WXY CALC

SH MOT REDBRN GY GYCN VARIC
FRM BLKY WXY CALC

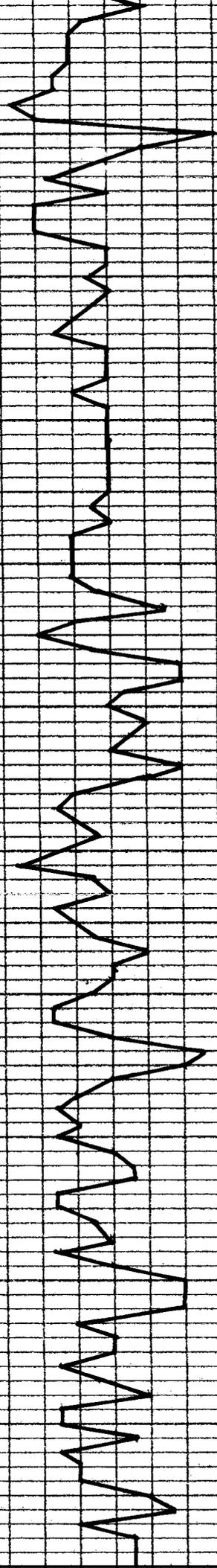
SH M GY BRN WXY CALC

RECORDING CHART
GEOPHYSICAL CONTROL CORPORATION
BUREAU NEW YORK

No. 101 3335

SCALE 100 FT

RECORDING CHART
GEOPHYSICAL CONTROL CORPORATION



1700
1800
1900
2000
2100
2200
2200

SH - M BRN YEL RED TO GN VARIG
RTHY BLKY CALC SNDY & OCC
GRNG TPT

SS - BRN GY FRM VF W SRTD SERME
GRS CLAY CMT CALC TT NO SHG

SH - RED BRN GY GN YEL VARIG
FRM BLKY RTHY WXY CALC OCC
SNDY

SH - RED BRN GY GYGN YEL VARIG
BLKY RTHY CALC

SH - M GY TO GN BRN VIOL REDBRN
VARIG BLKY RTHY WXY CALC
OCC INTBD W/
SS - M BRN TO GY YEL FRI P W
SRTD GRS CALC & CLAY CMT TT
NO SHOW

SH - BRN GY REDBRN BLKY RTHY
CALC SLTY INTBD W/
SLTST/VF SS - BRN GY CLAY CMT
CALC TT NO SHOW

SLTST TO VF SS - BRN GY CLAY CMT
CALC TT NO SHOW

SS - GY TO GYGN BRN S&P SL FRI
FU TO ML P SRTD SBANG GRS
CALC & CLAY CMT MICA ARK TT
NO SHOW INTBD W/
SH - GYGN BRN VARIG BLKY WXY
CALC SNDY TP

SCALE CHANGE 5"

MIN/FT
2 3 4 5 6 7 8 9

TOTAL GAS UNITS
0 30 50 70 90

SH BRN GY GN YEL VARIC
SFT RTHY BLKY CALC MOD SNDY
IP & OCC GRING TO/
SS GY BRN FRI F W SRTD SBRND
GRS CLAY CMT CALC TT NO SHO

SH REDBRN GY GN YEL VARIC
BLKY FTHY CALC
TR SS GY BRN FRI F W SRTD
GRS CALC & CLAY CMT P VIS
NO SHOW

2300

LS BRN GY MIC CRXL HD DNS
ARG TO MRLY SNDY TT NO SHOW
SH M GY BLKY HD SNDY CALC

SS M GY TO GYGN BRN S&P HD SL
FRI MU TO FL P SRTD SBRND
GRS CALC CMT PPR GLAUC MICA
ARK MRLY IP TT NO SHOW
INTBD W/
BLKY WXY S&P SNDY
CALC

SS M GY TO GYGN BRN S&P HD
SL FRI MU TO FL P SRTD SBRND
GRS CALC CMT PPR GLAUC
MICA ARK ARG TO MRLY IP TT
NO SHOW

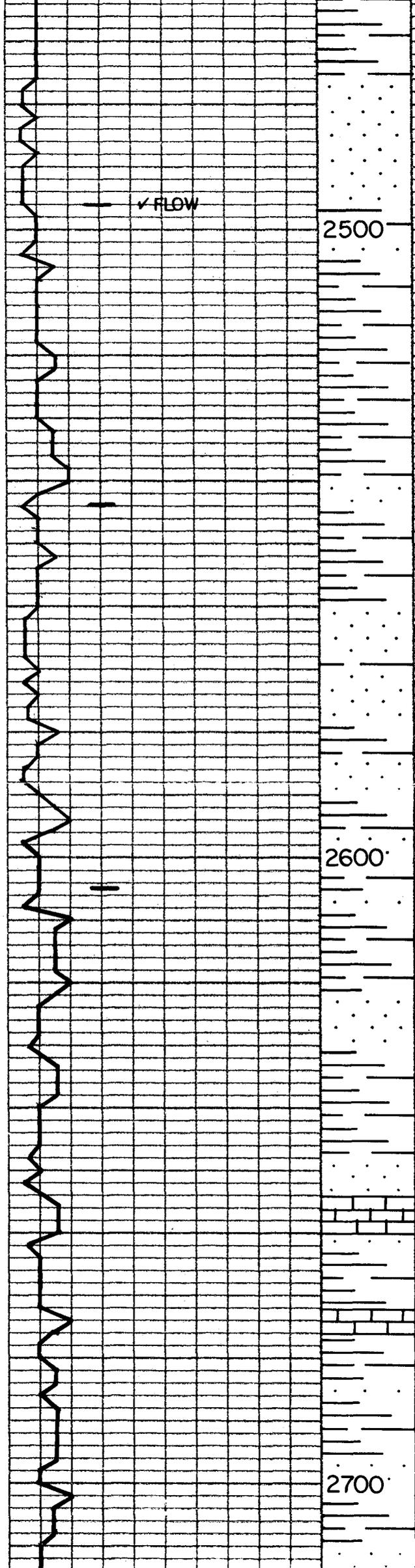
SH M GY GYGN BRN FRM BLKY
RTHY WXY SNDY IP CALC

2400

SS LT TO M GY GYGN HD SL FRI
FL M SRTD SBRND GRS CALC
CMT CMT TO ARG MICA GLAUC
PPR TT NO SHOW INTBD W/
SH GYGN TO GY BLKY WXY CALC

TR LS

SH GN GYGN BLKY WXY CALC



SS Y GY GYG SPP FRI FU W BR
 TO BRND CRS CALG & CLAY GM
 APT CLAY INFILL PYR GLAUC
 ARK P VIS Ø NO SHOW

SH M GN FRM BLKY SNDY CALG

SS Y R BRN GYGN FRI FU TO ML
 TO BRND TO RND CRS
 CALG CRT CLN TO ARG GLAUC
 PYR TR INTGRAN Ø NO SHOW
 INTBD W/

SH Y GY GYGN RDBRN TO BRN
 BLKY WXY CALG
 TR LS

SS Y R BRN GYGN FRI FU TO ML
 TO BRND TO RND CRS
 CALG CRT CLN TO ARG TR PYR
 GLAUC TR INTGRAN Ø NO SHOW

SH GY BRN BED GN VARTC BLKY
 RTHY WXY CALG

SS TR SILST LN BRN TO GY FRI
 CLAY CRT CALG P VES Ø NO
 SHOW INTBD W/

SH GGN BRN BLKY CALG SIMY

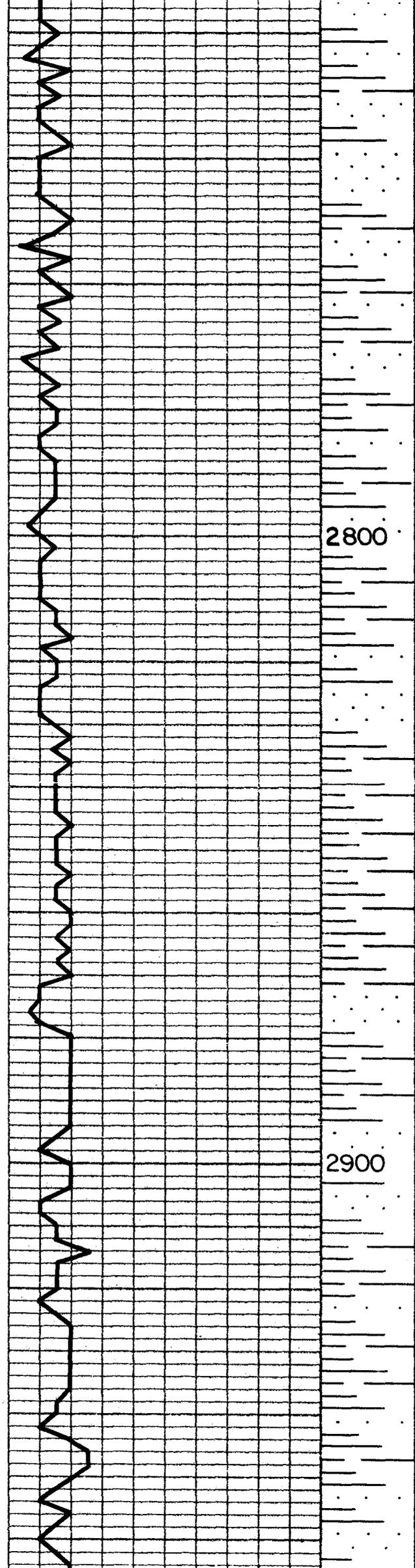
LS TR SPT GYGN GN SNDY NO
 SHOW

SH GN TO GY WXY BLKY CALG OGG
 INTBD W/

SS BRN FRI MU TO FL MOD SPTD
 RND CRS CALG & CLAY CRT APT
 CLAY INFILL GLAUC TT NO ISM

SH GN TO GY BLKY FRM WXY
 CALG

RECORDING CHAIRMAN GRAPHIC CONTROLS CORPORATION BELLEVILLE, MISSOURI
 NO. 101-3955
 PRINTED IN U.S.A.



2800

2900

90 u

SS LT BRN FRI FU TO FU SRT
 SBRND TO RND GRS CALC OMT
 SM CLAY INFILL GLAUC ARK
 MICA TR INTRAN / NO FLOR
 NO STN OR CUT INTD W/
 SH GYGN GN BRN BKY WXY CALC

SS WH LT BRN FRI ML TO VFU
 MOD SRTD SBRND GRS CALC OMT
 CLN FR INTRAN / NO SHOW
 APT UNCONSL GRS

SH REDBRN GN GY YEL VARIC
 BLKY RTHY WXY CALC INTD W/
 SLST TO VF SS GY SL FRI FRM
 CALC & CLAY OMT MICA GLAUC
 TT NO SHOW

SH RSD BRN GN GY YEL BKY
 RTHY WXY CALC

SS LT BRN WH FRI FU TO FL
 MOD SRTD SBRND TO RND GRS
 CALC OMT CLAY INFILL ARK
 GLAUC PYR TR INTRAN / NO
 SHOW

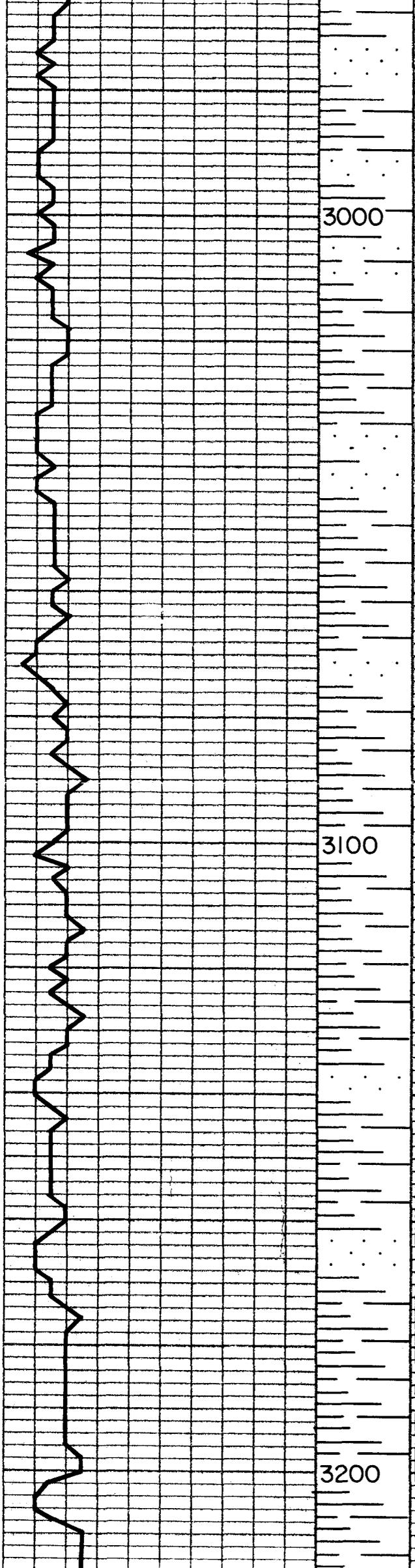
SH REDBRN GN TO GY VARIC
 BLKY WXY CALC SNDY IP

SS LT BRN TO GY FRI ML TO VFU
 MOD SRTD SBRND GRS CALC OMT
 CLAY INFILL GLAUC PYR P VIB
 / NO FLOR NO STN OR CUT

SH RSD TO YELRN ORNG GN
 VARIC BLKY RTHY WXY CALC
 INTD W/
 SLST TO VF SS LT GY TO BRN
 FRI VF W SRTD GRS CALC &
 CLAY OMT GLAUC TT NO SHOW

SH RED TO YEL BRN GN ORNG
 VARIC BLKY RTHY CALC OCC
 INTD W/ SS AA

NY STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 BUREAU OF NEW YORK STATE GEOLOGY
 NO. LC1 3355



SLTST TO VF SS LT GY TO BRN
 FRI VF W SRTD SBRND CRS
 CALC & CLAY CMT GAUC TT
 NO SHOW INTBD W/
 SH HED GY BRN VARIC BLKY WXY
 CALC SNDY IP

SH M REDBRN GY GN BLKY WXY
 CALC

SS LT BRN FRI VFU W SRTD SB-
 RND CRS CALC CMT CLN TT
 NO SHOW

SH REDBRN CRNG BRN GN BLKY
 RTHY WXY CALC

SS WH LT BRN SL FRI CL TO FU
 MOD TO F SRTD SBRND CRS
 CALC & CLAY CMT GAUC ARK
 P VIS & NO SHOW

SH REDBRN GN GY YEL VARIC
 BLKY FRM RTHY CALC

SH VARIC BLKY RTHY WXY CALC

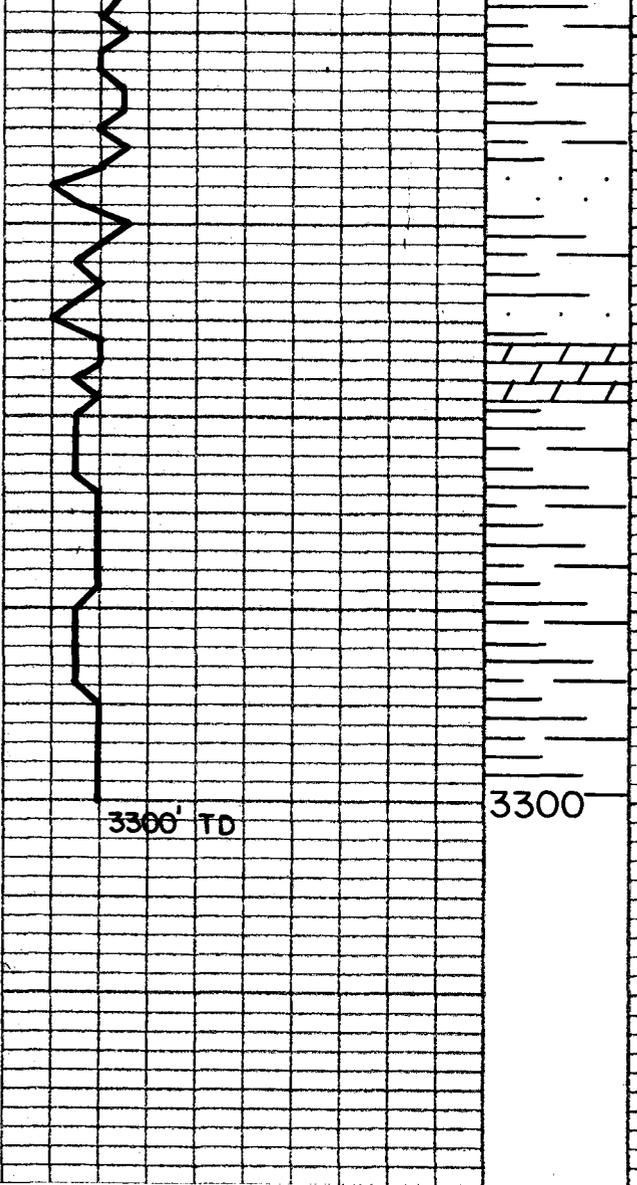
SS LT GY WH HD DNS FU W SRTD
 SBANG CRS SIL CMT CLN PYR
 TT NO SHOW INTBD W/
 SH RED BRN GN VARIC BLKY RTHY
 WXY CALC

SH GN GY RED BRN VARIC BLKY
 WXY CALC

UR COAL

SH RED BRN GN GY YEL VARIC
 BLKY CALC SNDY IP

RECORDED (CHARS) GRAPHIC CONTROL CORPORATION BUFFALO, NEW YORK
 No. 101 3355
 RECORDED (CHARS) GRAPHIC



3300' TD

3300

480 U. AFTER SHORT TRIP

TR SS WH LT BRN HD DNS T W
 BR FD SBR ND GRS SIL CMT SH
 CLAY INFILL MICA PYR TT NO
 SHOW INTBD W/
 SH GY GN YEL VARIC BLKY WXY

DOL HP BRN WH P XL GLN TT NO
 FLOH NO STN OR CUT

SH REDDEN GY GN VARIC BLKY
 WXY CALG

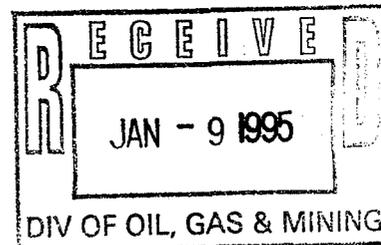
OPERATG SNYDER OIL CORPORATION
 ADDRESS 1625 BROADWAY, SUITE 2200
DENVER, CO 80202

OPERATOR ACCT. N 1305

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999 N/A	11725	43-047-32570	Ute Tribal 21-2-H	SENE	21	4S	1E	Uintah	01-03-95	01-03-95
WELL 1 COMMENTS: <i>Entities added 1-10-95. Lec</i>											
A	99999 N/A	11726	43-047-32574	Ute Tribal 26-5-J	NWSE	26	4S	1E	Uintah	12-20-94 12-30-94	12-30-94
WELL 2 COMMENTS:											
A	99999 N/A	11727	43-047-32568	UTD Kidd 20-16	SESE	20	9S	18E	Uintah	12-19-94 12-30-94	12-30-94
WELL 3 COMMENTS:											
A	99999 N/A	11728	43-047-32577	Horseshoe Bend Fed 4-10	NWSE	4	7S	22E	Uintah	12-16-94 12-30-94	12-30-94
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.
 (3/89)



Joyce J. McLaugh
 Signature
 Sr. Eng. Technician
 Title
 01-05-95
 Date
 Phone No. (303) 592-8500

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

5. LEASE DESIGNATION AND SERIAL NO.
UTU-0136484

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
HORSESHOE BEND

9. WELL NO.
4-10

10. FIELD AND POOL OR WILDCAT
HORSESHOE BEND

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4-T7S-R22E

2. NAME OF OPERATOR
SNYDER OIL CORPORATION

3. ADDRESS OF OPERATOR
P.O. Box 695, Vernal, UT 84078

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface
1641' FSL 2185' FEL NWSE

At top prod. Interval reported below

14. PERMIT NO. **43-047-32577** DATE ISSUED **12/09/94** 12. COUNTY OR PARISH **Uintah** 13. STATE **UT**

15. DATE SPUDED **12/30/94** 16. DATE T.D. REACHED **01/02/95** 17. DATE COMPL. (Ready to prod.) **03/07/95** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4969' GL & 4981' KB** 19. ELEV. CASINGHEAD **4981' KB**

20. TOTAL DEPTH, MD & TVD **3300'** 21. PLUG, BACK T.D., MD & TVD **3252'** 22. IF MULTIPLE COMPL., HOW MANY* **1** 23. INTERVALS DRILLED BY ROTARY TOOLS **ROTARY** 19. ELEV. CASINGHEAD **4981' KB**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Uintah 2571' - 3168'

25. WAS DIRECTIONAL SURVEY MADE **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDL, DLL, CBL WELL LOG 1-9-95

27. WAS WELL CORED **NO**

23. 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#	320'	12-1/4"	220 sxs class "G"	Surface
4 1/2"	10.5#	3295'	7-7/8"	215 sxs class "G" highlight + 350 sxs 50/50 pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (SIZE)	TUBING RECORD DEPTH SET (MD)	PACKER SET (MD)
				2 7/8"	3176'	

31. PERFORMANCE RECORD (Interval, size and number)
3159' - 3168', 3067' - 3073', 3003' - 3006', 2996' - 3000', 2751' - 2755'

PERF W/ 2 SPF, 4" GUN 52 holes
180 degree phasing

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2751'-3168'	Acid job: 2500 gal 7-1/2% HCL, displace w/3% KCL water. Frac: w/70 quality foam, 3% KCL w/18,300 gals of foam & 42,000# of 20/40 sand.

33.* PRODUCTION

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

DATE OF TEST **02/28/95** HOURS TESTED **3** CHOKER SIZE **0** PROD'N. FOR TEST PERIOD **0** OIL--BBL. **0** GAS--MCF. **TO SMALL TO MEASURE** WATER--BBL. **8.5** GAS-OIL RATIO **N/A**

FLOW, TUBING PRESS. **0** CASING PRESSURE **0** CALCULATED 24-HOUR RATE **0** OIL--BBL. **0** GAS--MCF. **0** WATER--BBL. **0** OIL GRAVITY-API (CORR.) **0**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TEST WITNESSED BY **Chuck Emerson**

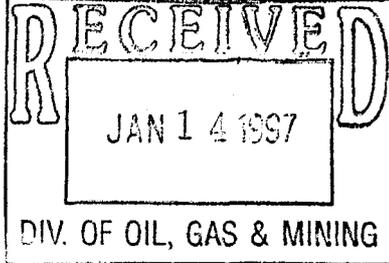
35. LIST OF ATTACHMENTS
DLL, CNL/LDL, CBL

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

SIGNED *Lucy Verner* TITLE **Senior Clerk** DATE **1-10-97**

*(See Instructions and Spaces for Additional Data on Reverse Side)

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



PRODUCTION - INTERVAL

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCT	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKESIZE	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 PRODUCT	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKESIZE	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	3300'	SANDSTONE & SHALE	0		ERR
				0		0
				0		0
				0		0
				0		0

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

SI pending refrac of upper zone

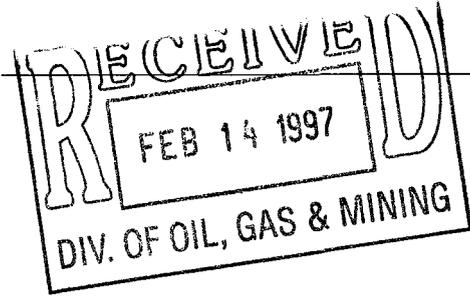
34. CIRCLE ENCLOSED ATTACHMENTS:

- | | | |
|-------------------------------|------------------------------|---|
| 1. MECHANICAL LOGS (full 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: Lucy Arner TITLE: Senior Clerk DATE: 1-10-97

PRINT:



SUCO

Snyder Oil Corporation

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

February 12, 1997

State of Utah
Utah State Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Attention: Vicky Dyson

RE: **CBL**
Horseshoe Bend #4-10
T075 R22E 04
JOW
43047 32577

Dear Vicky,

Enclosed per your request is a copy of the CBL for the Horseshoe Bend #4-10. If you have any questions or require additional information, please contact me at 801-789-0323.

Sincerely,

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

Lucy Nemec
Senior Clerk

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

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

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

OIL WELL GAS WELL OTHER

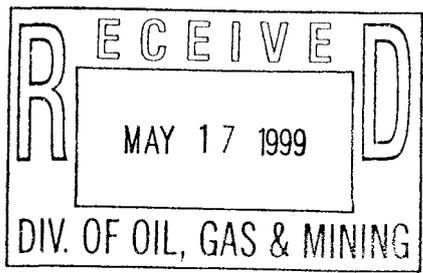
2. NAME OF OPERATOR Snyder Oil Corporation		5. LEASE DESIGNATION AND SERIAL NO. UTU-0136484	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200 Denver, CO 80202 303-592-8668		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1641' FSL & 2185' FEL NW/SE		7. UNIT AGREEMENT NAME	
14. API NUMBER 43-047-32577		8. FARM OR LEASE NAME Horseshoe Bend	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4969 GR		9. WELL NO. 4-10	
12. COUNTY OR PARISH Uintah		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend	
13. STATE Utah		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4-T07S-R22E	

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"/>	PULL OR ALTER CASING <input type="checkbox"/>		WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>		FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>		SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		(OTHER) _____ <input type="checkbox"/>		
(OTHER) Response to DNR letter of 2/19/99	<input checked="" 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 will plug and abandon the subject well in 1999. A plugging procedure will follow.



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

SIGNED Rhonda Sabotik TITLE Sr. Regulatory Specialist DATE 5/9/99

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Accepted by the Utah Division of Oil, Gas and Mining

* See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 5-26-99
Initials: CHD

Date: 5-19-99
By: RSE

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
Horseshoe Bend #4-10			Horseshoe Bend	INA	Uintah	NW/SE	4	7S	22E	U 0136484	FED	43-047-32577	11728
✓ Horseshoe Bend #36-1P			Horseshoe Bend	ACT	Uintah	SE/SE	36	6S	21E	ML 33225	STATE	43-047-31482	9815
Horseshoe Bend Compressor Site			Horseshoe Bend	ACT	Uintah		4	7S	21E				
Jack Rabbit #1-11			Natural Buttes	INA	Uintah	SW/NE	11	10S	23E	U 38425	FED	43-047-30423	1475
✓ L.C.K. #30-1H			Horseshoe Bend	ACT	Uintah	SE/NE	30	6S	21E	N/A	FEE	43-047-31588	10202
Lafkas Federal #1-3			Hill Creek	INA	Uintah	SW/SW	3	11S	20E	U 34350	FED	43-047-31178	1367
Lizzard Creek #1-10			Bitter Creek	ACT	Uintah	NW/NW	10	11S	22E	U 25880	FED	43-047-31478	9870
✓ Lookout Point #1-16			Natural Buttes	ACT	Uintah	NE/SE	16	10S	23E	ML 22186 A	STATE	43-047-30544	1495
Love Unit #1-11	Love		Love	ACT	Uintah	C/SW	11	11S	21E	U 008344 A	FED	43-047-30617	1366
Love Unit #1-12	Love		Love	ACT	Uintah	SW/NW	12	11S	21E	U 008344 A	FED	43-047-30638	1366
Love Unit #4-1	Love		Love	INA	Uintah	NW/SW	4	11S	21E	U 8347	FED	43-047-30640	1366
Love Unit #A1-18	Love		Love	ACT	Uintah	SW/SE	18	11S	21E	U 8348	FED	43-047-30706	1366
Love Unit #B1-10	Love		Love	ACT	Uintah	SE/SW	10	11S	21E	U 8347	FED	43-047-30709	1366
Love Unit #B2-3	Love		Love	INA	Uintah	SW/SW	3	11S	21E	U 8347	FED	43-047-30766	1366
Love Unit Compressor Site			Love	ACT	Uintah			11S	21E				
Madeline #4-3C			Horseshoe Bend	ACT	Uintah	Lot 3	4	7S	21E	U 42469	FED	43-047-32279	11379
McLish #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	ACT	Uintah	SW/SW	8	7S	23E	U 02651	FED	43-047-20280	2760
McLish #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/SE	8	7S	23E	U 02651	FED	43-047-30011	2760
McLish #3			Walker Hollow (Horseshoe Bend)	ACT	Uintah	NE/SE	8	7S	23E	U 02651	FED	43-047-30027	12504
McLish #4	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NE/SW	8	7S	23E	U 02651	FED	43-047-30030	2760
Natural #1-7			Love (Horseshoe Bend)	INA	Uintah	NW/NE	7	11S	21E	U 8345	FED	43-047-30148	6129
No Name Canyon #1-9			Natural Buttes	ACT	Uintah	SE/NE	9	10S	23E	U 37355	FED	43-047-30378	1466
No Name Canyon #2-9			Natural Buttes	ACT	Uintah	NE/NW	8	10S	23E	U 37355	FED	43-047-31504	1468
NSO Federal #1-12			Natural Buttes	ACT	Uintah	NE/NW	12	10S	23E	U 38423	FED	43-047-30560	1480
Pan American #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/NW	9	7S	23E	U 02651 A	FED	43-047-30037	
Pan American #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SW	9	7S	23E	U 02651 A	FED	43-047-30038	2760
✓ Pariette Draw #28-44			Windy Ridge West (Eight Mile Flat N.)	ACT	Uintah	SE/SE	28	4S	1E	N/A	FEE	43-047-31408	4960
Pete's Flat #1-1			Natural Buttes	INA	Uintah	NE/SE	1	10S	23E	U 38423	FED	43-047-30558	1510
Sage Hen #1-6			Natural Buttes	INA	Uintah	NE/SE	6	10S	23E	U 38419	FED	43-047-30382	1490
Sagebrush #1-8			Natural Buttes	TAD	Uintah	SW/NE	8	10S	23E	U 37355	FED	43-047-30383	1467
Shepherd #1-10			Natural Buttes	ACT	Uintah	NE/SE	10	10S	23E	U 38424	FED	43-047-30559	1470
Southman Canyon #1-5 (Federal #1-5)			Natural Buttes	ACT	Uintah	SE/NW	5	10S	23E	U 33433	FED	43-047-30856	10689
Southman Canyon #3			Natural Buttes	WDW	Uintah	NE/SE	15	10S	23E	U 66406	FED	43-047-15880	Saltwater Disposal 99990
Southman Canyon #4-4 (Federal #4-4)			Natural Buttes	INA	Uintah	NW/SE	4	10S	23E	U 33433	FED	43-047-30632	10690
Southman Canyon #4-5			Natural Buttes	ACT	Uintah	NE/SE	5	10S	23E	U 33433	FED	43-047-30633	6131
Southman Canyon #9-3M			Natural Buttes	ACT	Uintah	SW/SW	9	10S	23E	U 37355	FED	43-047-32540	11767
Southman Canyon #9-4J			Natural Buttes	ACT	Uintah	NW/SE	9	10S	23E	U 37355	FED	43-047-32541	11685
Southman Canyon #31-1L			Natural Buttes	ACT	Uintah	SW/	31	9S	23E	U 33433	FED	43-047-32543	11678
✓ State #14-16			Brennan Bottom	ACT	Uintah	SW/SW	16	7S	21E	ML 40904	STATE	43-047-31417	8010

June 7, 1999

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

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

Dear Sir or Madam:

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

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

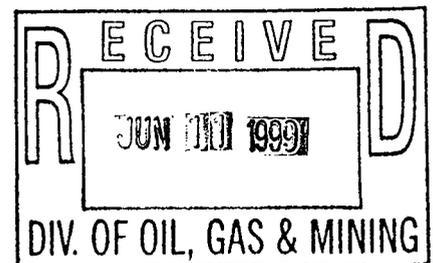
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



Santa Fe Energy Resources, Inc.

June 7, 1999

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

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

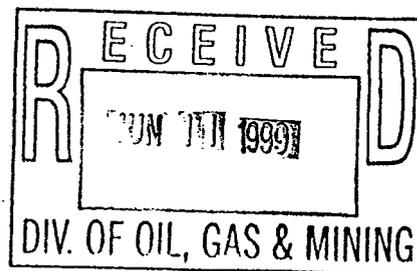
Dear Sir or Madam:

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

Thank you for your assistance in this matter.

Very truly yours,


Phillip W. Bode



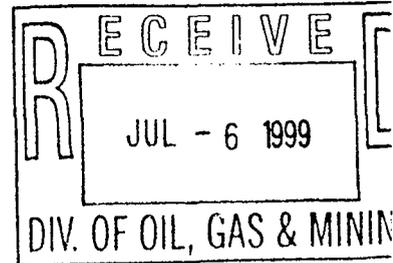
Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



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

JUL 7 1999

NOTICE

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

Merger Recognized Name Change Recognized

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

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

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

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

Christopher J. Merritt

Christopher J. Merritt
Acting Group Leader,
Minerals Adjudication Group

Enclosures

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

cc:

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

SNYDER LEASES

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

SNYDER LEASES

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

SANTA FE LEASES

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

Santa Fe Snyder Corporation

July 2, 1999

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

Attn.: Ms. Kristen Risbeck

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

Dear Ms. Risbeck:

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

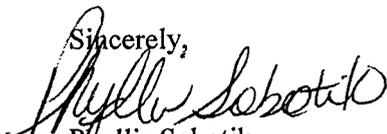
Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

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

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

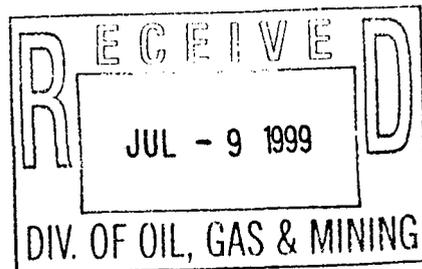
1625 Broadway, Suite 2200
Denver, CO 80202

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

Sincerely,

Phyllis Sobotik
Sr. Regulatory Specialist

/ps
Enclosures:

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



Office of the Secretary of State

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

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

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



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

CERTIFICATE OF MERGER

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

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

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

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

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

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

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

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

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

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

Surviving Corporation.

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

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

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

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

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

See Attached List

2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

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

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

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

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

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

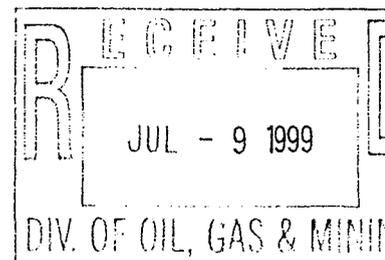
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

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

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433



Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.

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

Signed

Phyllis Sobotik

Title

Sr. Regulatory Specialist

Date

01-Jul-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

OPERATOR CHANGE WORKSHEET

Routing:

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

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

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

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

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

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

Name: <u>*SEE ATTACHED*</u>	API: <u>43-097-32577</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

- 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. (Rec'd 6.11.99 #J27777)
- 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) (no), as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 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: 9-28-99.

FILING

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

COMMENTS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.

UTU- 0136484

6. If Indian, Allottee or Tribe Name

N/A

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

N/A

8. Well Name and No.

Horseshoe Bend #4-10

9. API Well No.

43-047-32577

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435) 781-7023

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

**NW/SE Sec. 4, T7S, R22E
1641' FSL & 2185' FEL**

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

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

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

Coastal Oil & Gas Corporation has corrected the Notice of Incident of Noncompliance by filling the reserve pit and reclaiming the surface for the above referenced location, as of 8/3/00. The seeding will be completed this fall in accordance with the Conditions of Approval in the APD.

RECEIVED
AUG 14 2000
BUREAU OF LAND MANAGEMENT
BLM, DENVER OFFICE

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date **8/4/00**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

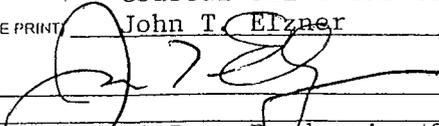
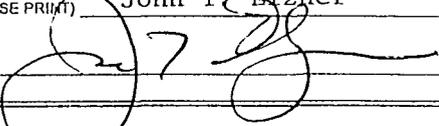
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

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

See Exhibit "A"

Bond # 400JU0708

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

(This space for State use only)

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

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

RECEIVED

MAR 9 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

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

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

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

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

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

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

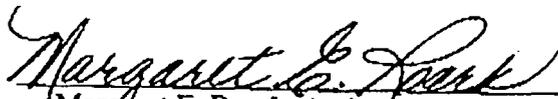
IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:



(Margaret E. Roark, Assistant Secretary

RECEIVED

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

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

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

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

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

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 33-1-I	43-047-31468	9615	33-06S-21E	FEDERAL	OW	P
FEDERAL 33-2-B	43-047-31621	9616	33-06S-21E	FEDERAL	OW	S
FEDERAL 34-2-K	43-047-31467	10550	34-06S-21E	FEDERAL	OW	P
BASER DRAW FEDERAL 1-3	43-047-30831	2710	31-06S-22E	FEDERAL	GW	P
BASER DRAW FEDERAL 2-3	43-047-30880	2710	31-06S-22E	FEDERAL	GW	P
W WALKER FEDERAL 1-33 (CA CR-106)	43-047-30815	2715	33-06S-22E	FEDERAL	GW	P
HORSESHOE BEND 2	43-047-15800	11628	03-07S-21E	FEDERAL	OW	P
FEDERAL 4-1-D (CA 68634)	43-047-31693	10196	04-07S-21E	FEDERAL	OW	P
FEDERAL 4-2-F	43-047-31853	10933	04-07S-21E	FEDERAL	OW	P
MADLINE 4-3-C (CA 68634)	43-047-32279	11379	04-07S-21E	FEDERAL	OW	P
HSB FEDERAL 4-1	43-047-33832	13147	04-07S-21E	FEDERAL	GW	DRL
FEDERAL 5-5-H (CA 68999)	43-047-31903	11138	05-07S-21E	FEDERAL	OW	P
FEDERAL 2-10-HB	43-047-32009	11255	10-07S-21E	FEDERAL	GW	S
HSB FEDERAL 11-1	43-047-33833	13126	11-07S-21E	FEDERAL	GW	DRL
COORS 14-1-D	43-047-31304	11193	14-07S-21E	FEDERAL	GW	S
FEDERAL MILLER 1	43-047-30034	2750	04-07S-22E	FEDERAL	GW	P
HORSESHOE BEND 4-10	43-047-32577	11728	04-07S-22E	FEDERAL	OW	S
WOLF GOV'T FEDERAL 1	43-047-15609	2755	05-07S-22E	FEDERAL	GW	P
BASER DRAW 5-1	43-047-31833	10862	05-07S-22E	FEDERAL	GW	S
BASER DRAW 6-1	43-047-31834	10863	06-07S-22E	FEDERAL	GW	S

OPERATOR CHANGES DOCUMENTATION

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

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JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

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

JUL 10 2001

NOTICE

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

Name Change Recognized

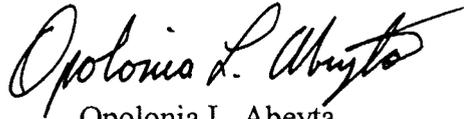
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

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



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

Exhibit of Leases

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



Horseshoe Bend #4-10
Section 4-T7S-R22E
API #43-047-32577
Uintah, Utah
Plug and Abandonment
July 1, 2002

SPUD DATE: 12/17/94
ELEVATION: 4,981' KB 4,969' GL
TOTAL DEPTH: 3,300' PBTD: 3,252'

SURFACE CASING: 8-5/8" 24# J55 set @ 320'
PRODUCTION CASING: 4-1/2", 10.5#, J-55 set @ 3,295'
TOC from 2/10/95 CBL: 780'
4 1/2" Capacity: 0.0159 bbl/ft & .6699 gal/ft
4 1/2" X 8 5/8" Annular Capacity: .0440 bbl/ft & 1.8487 gal/ft

TUBING: 2-3/8" 4.7# J-55 @ 3,176'
Capacity: 0.00387 bbl/ft & 0.1624 gal/ft
2 3/8" X 4 1/2" Annular Capacity: .0105 bbl/ft & 0.4397 gal/ft

PERFORATIONS: Uinta: 2751'-3168' (52 holes)

PLUGS and PACKERS: None

1. Notify regulatory agencies 24 hrs. prior to moving in.
2. MIRU. POOH with tubing. PU bit and scraper and RIH to 2710'. POOH.
3. MIRU wireline company. PU and RIH with 10K CIBP. RIH and set at 2,710'. POOH with setting tool. PU and RIH w/ dump bailer and place 35' of cement on top of CIBP. Load hole with 8.8-9.2 lb/gallon plugging fluid. PU and RIH with squeeze gun and perforate from 330-31' with 4 shots. POOH with gun.
4. Tie onto casing, open braden head valve and establish injection rate. Once injection is established, RD and release wireline company.
5. MIRU cement company. Tie onto casing, open braden head valve and establish injection rate. Set cement plug inside 4 1/2" casing and the annulus from surface to 330' using 100 sacks 50/50 Poz with 2% Bentonite + 2% CaCl + 1/4 #/sack cell flakes (yield = 1.26 cu.ft./sack). Should get cement returns to surface as 85 sacks of this mix will fill casing and annulus.
6. RD workover unit. Cut off casing 3' below grade and weld on dry hole marker.
7. Move off all production equipment and restore location.

BGL

Approvals:

Engineering Manager: _____

Tech Director: _____

DATE: 07/01/02
 FOREMAN: BGL

WELL: Horseshoe Bend #4-10
 FIELD: Horseshoe Bend
 API #: 4304732577

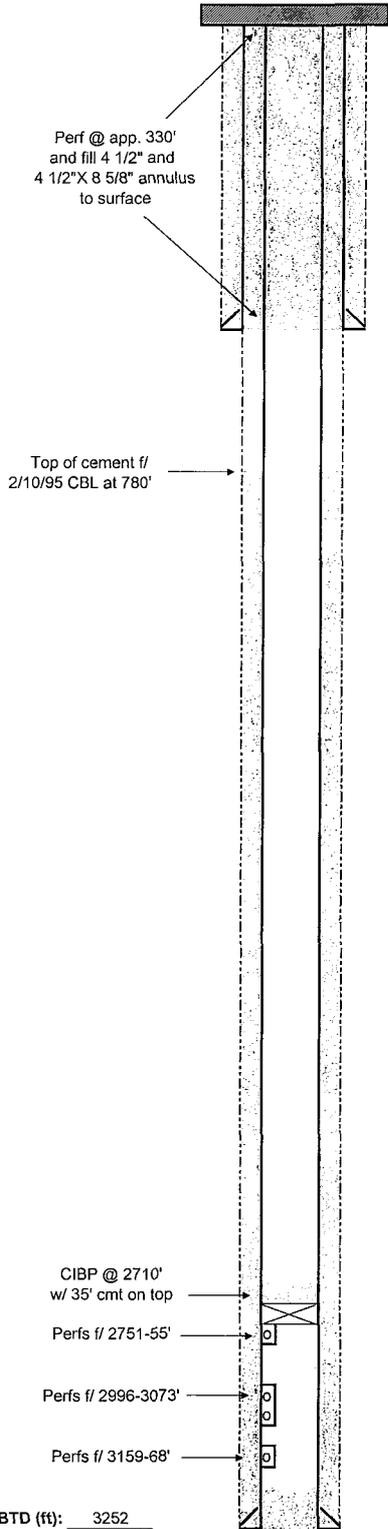
CNTY: Uintah
 STATE: UT

SEC: 4
 TWP: 7S
 RGE: 22E

KB (ft): 4981
 GL (ft): 4969

Current Well Status--- GSI

AFTER



CASING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
8 5/8	24	J55		0	320	12/17/1994
4 1/2	10.5	J55		0	3,295	1/2/1995

TUBING RECORD NO INFORMATION AVAILABLE FROM WELL FILES

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
2 3/8"	4.7	J55		0	3,176	3/7/1995

JEWELRY RECORD

ITEM	MAKER	SIZE (in)	Max ID	TOP (ft)	Date Run

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	Holes	Date Shot
Uinta	2751	2755	2	8	2/10/1995
Uinta	2996	3000	2	8	2/10/1995
Uinta	3003	3006	2	6	2/10/1995
Uinta	3067	3073	2	12	2/10/1995
Uinta	3159	3168	2	18	2/10/1995

COMMENTS:

12/17/1994 Spud well.
 12/17/1994 Run 8 5/8" casing and cemented with 220 sxs "G" w/ good returns to surface
 1/2/1995 Run 4 1/2" casing and cemented with 215 sx "G" Hi-Lift and 350 sx 50/50 Poz
 Lost returns with 40 bbls of displacement left

PBTD (ft): 3252
 TD (ft): 3300

Schematic is not to scale

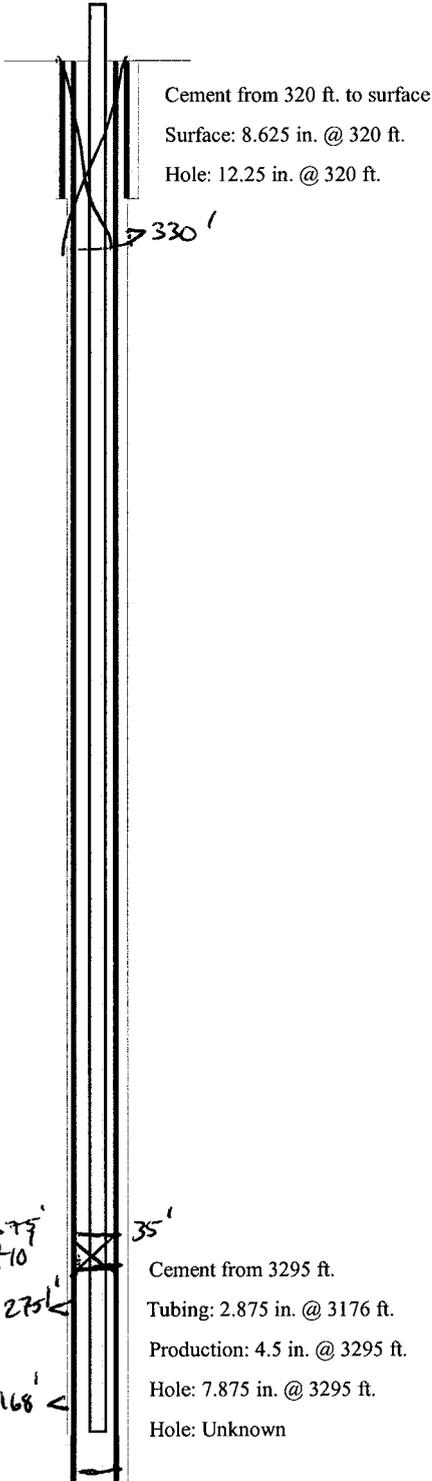
Wellbore Diagram

API Well No: 43-047-32577-00-00 **Permit No:**
Company Name: EL PASO PROD OIL & GAS CO
Location: Sec: 4 T: 7S R: 22E Spot: NWSE
Coordinates: X: 632472 Y: 4455091
Field Name: HORSESHOE BEND
County Name: Uintah

Well Name/No: HORSESHOE BEND 4-10

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	320	12.25		
SURF	320	8.625	24	320
HOL2	3295	7.875		
PROD	3295	4.5	10.5	3295
T1	3176	2.875	6.5	3176



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	3295		LT	215
PROD	3295		PC	350
SURF	320	0	G	220
T1	3176			

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2751	3168			

Formation Information

Formation	Depth	Formation	Depth
UNTA	3300		

TD: 3300 TVD: PBTd: 3252'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0136484
2. Name of Operator EL PASO PRODUCTION OIL & GAS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7023	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NWSE 1641' FSL & 2185' FEL SEC. 4, T7S, R22E		8. Well Name and No. HORSESHOE BEND 4-10
		9. API Well No. 43-047-32577
		10. Field and Pool, or Exploratory Area HORSESHOE BEND
		11. County or Parish, State UINTAH COUNTY, UT

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

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

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

THE SUBJECT WELL WAS PLUGGED & ABANDONED 12/9/02 AS FOLLOWS:

DUMP BAILED 4 SX CLASS G CEMENT ON CIBP @ 2710'
PUMPED 85 SX 50/50 POZ @ 370' TO SURFACE, FILL 4 1/2" AND 4 1/2" X 8 5/8" ANNULUS TO SURFACE

RDMOL

RECEIVED

DEC 10 2002

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) Cheryl Cameron	Title Operations
Signature 	Date December 10, 2002

THIS SPACE FOR FEDERAL OR STATE USE

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

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

DATE: 12/10/02
 FOREMAN: H BLANCHARD

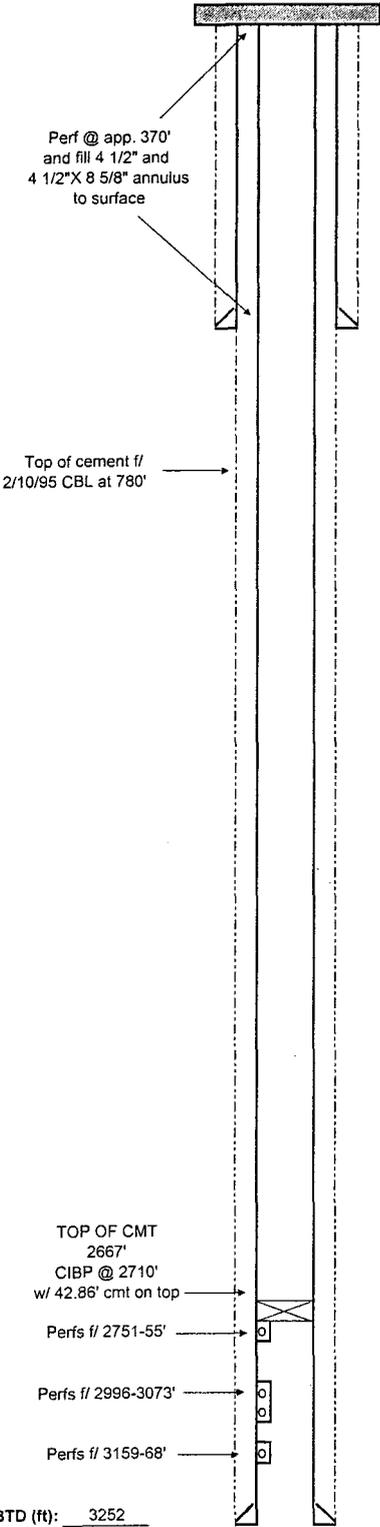
WELL: Horseshoe Bend #4-10
 FIELD: Horseshoe Bend
 API #: 4304732577

CNTY: Uintah
 STATE: UT

SEC: 4
 TWP: 7S
 RGE: 22E

KB (ft): 4981
 GL (ft): 4969

Current Well Status--- GSI
 TWS#1
 GLEN HISLOP
 AFE#072526



CASING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
8 5/8	24	J55		SURF	320	12/17/1994
4 1/2	10.5	J55		SURF	3,295	1/2/1995

TUBING RECORD NO INFORMATION AVAILABLE FROM WELL FILES

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run

JEWELRY RECORD

ITEM	MAKER	SIZE (in)	Max ID	TOP (ft)	Date Run

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	Holes	Date Shot
Uinta	2751	2755	2	8	2/10/1995
Uinta	2996	3000	2	8	2/10/1995
Uinta	3003	3006	2	6	2/10/1995
Uinta	3067	3073	2	12	2/10/1995
Uinta	3159	3168	2	18	2/10/1995

COMMENTS:

12/17/1994 Spud well.
 12/17/1994 Run 8 5/8" casing and cemented with 220 sxs "G" w/ good returns to surface
 1/2/1995 Run 4 1/2" casing and cemented with 215 sx "G" Hi-Lift and 350 sx 50/50 Poz
 Lost returns with 40 bbls of displacement left

MIRU 12/6/02 FOR PLUG AND ABANDONMENT

12/9/2002 DUMP BAILED 4 SACKS OF CLASS "G" CEMENT ON CIBP
 PUMP 85 SACK S OF 50/50 POZ CEMENT @ 370' TO SURF
 CUT WELL HEAD OFF 3' BELOW GRADE WELDED MARKER ON
 RDMO

PBTD (ft): 3252
 TD (ft): 3300

Schematic is not to scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well Oil Well Gas Dry Other
 b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr.
 Other P&A

2. Name of Operator
EI Paso Production Oil & Gas Company

3. Address **P.O. Box 1148 Vernal, Utah 84078**
 3a. Phone No. (include area code) **(435)-781-7024**

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface **NWSE 1641'FSL & 2185'FEL**

At top prod. interval reported below

At total depth

14. Date Spudded **N/A**
 15. Date T.D. Reached **N/A**
 16. Date Completed D & A Ready to Prod.
P&A 12/9/02

18. Total Depth: MD **MD** TVD **TVD**
 19. Plug Back T.D.: MD **MD** TVD **TVD**
 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **N/A**
 22. Was well cored? No Yes (Submit copy)
 Was DST run? No Yes (Submit copy)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
N/A									

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) N/A						
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
N/A	

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DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						P&A 12/9/02
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						P&A 12/9/02

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

P&A 12/9/02

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
<p>RECEIVED</p> <p>DIV. OF OIL, GAS & MINING</p>					

32. Additional remarks (include plugging procedure):

The Subject well was plugged and abandoned on 12/9/02 as follows: Dump Bailed 4 sx Class G Cement on CIBP @2710'. Pumped 85 sx 50/50 POZ @370' to surface fill 4 1/2" and 4 1/2" X 8 5/8" Annulus to surface. RDMOL

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 5. Core Analysis
- 7. Other:

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

Name (please print) Sheila Upchego Title Regulatory Analyst

Signature *Sheila Upchego* Date 9/13/2001

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

JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.**

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

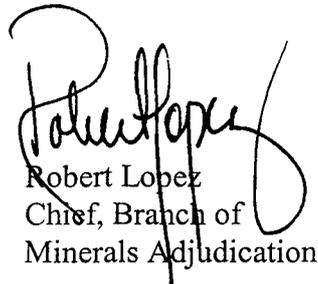
For our purposes, the name change is recognized effective December 31, 2001.

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

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

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

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

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.



CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____
2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company
3. ADDRESS OF OPERATOR:
9 Greenway Plaza CITY **Houston** STATE **TX** CITY **77064-0995** PHONE NUMBER: **(832) 676-5933**

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

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

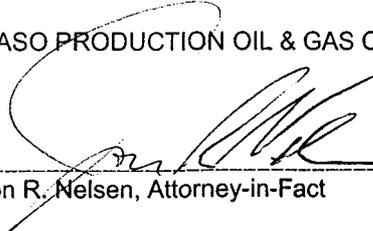
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____
State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: 
Jon R. Nelsen, Attorney-in-Fact

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

WESTPORT OIL AND GAS COMPANY, L.P.
NAME (PLEASE PRINT) **David R. Dix** TITLE **Agent and Attorney-in-Fact**
SIGNATURE  DATE **12/17/02**

(This space for State use only)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

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

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

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

5. Lease Serial No.
SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SEE ATTACHED EXHIBIT "A"

9. API Well No.
SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UT

SEE ATTACHED EXHIBIT "A"

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

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

SUCCESSOR OF OPERATOR

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

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)
CHERYL CAMERON

Title
OPERATIONS

Signature

Date
March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No. Unit:

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HORSESHOE BEND 36-1-P	36-06S-21E	43-047-31482	9815	STATE	GW	P
BASER FEDERAL 1-31	31-06S-22E	43-047-30831	2710	FEDERAL	GW	P
BASER FEDERAL 2-31 (CR-179)	31-06S-22E	43-047-30880	2710	FEDERAL	GW	P
W WALKER STATE 1-33	32-06S-22E	43-047-30877	2720	STATE	GW	PA
W WALKER STATE 2-33	32-06S-22E	43-047-30878	2721	STATE	GW	PA
W WALKER FED 1-33 (CR-106)	33-06S-22E	43-047-30815	2715	FEDERAL	GW	P
HORSESHOE BEND 2	03-07S-21E	43-047-15800	11628	FEDERAL	OW	S
HORSESHOE BEND FED 3-1	03-07S-21E	43-047-33831	13146	FEDERAL	GW	S
HORSESHOE BEND 4	03-07S-21E	43-047-15802	1315	FEDERAL	OW	PA
MADLINE 4-3-C	04-07S-21E	43-047-32279	11379	FEDERAL	OW	PA
FEDERAL 4-1-D (UTU-68634)	04-07S-21E	43-047-31693	10196	FEDERAL	OW	P
FEDERAL 4-2-F	04-07S-21E	43-047-31853	10933	FEDERAL	OW	P
HORSESHOE BEND FED 4-1	04-07S-21E	43-047-33832	13147	FEDERAL	GW	P
FEDERAL 5-5-H	05-07S-21E	43-047-31903	11138	FEDERAL	OW	P
COORS FEDERAL 2-10HB	10-07S-21E	43-047-32009	11255	FEDERAL	GW	S
HORSESHOE BEND FED 11-1	11-07S-21E	43-047-33833	13126	FEDERAL	GW	P
COORS 14-1-D	14-07S-21E	43-047-31304	11193	FEDERAL	GW	S
STATE 14-16	16-07S-21E	43-047-31417	8010	STATE	OW	P
FED MILLER 1	04-07S-22E	43-047-30034	2750	FEDERAL	GW	P
HORSESHOE BEND 4-10	04-07S-22E	43-047-32577	11728	STATE	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: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 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: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

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: 03/25/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/25/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

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:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):
 N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):
 N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

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: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
 The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (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: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

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

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

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

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203
BIA BOND = RLB0005239*

APPROVED 5116106

Earlene Russell

**Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician**

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

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date _____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEE ATTACHED

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

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

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

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) BRAD LANEY	Title ENGINEERING SPECIALIST
Signature <i>Brad Laney</i>	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date 5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior



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

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR