

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: DRILL [X], DEEPEN [], PLUG BACK []
2. NAME OF OPERATOR: Pacific Transmission Supply Company
3. ADDRESS OF OPERATOR: 717 17th Street, Suite 2300, Denver, Colorado 80202
4. LOCATION OF WELL: 2362' FSL, 666' FWL, Lot 3, Sec 30 T15S R23E S.L.B. & M., Uintah Co., Colorado
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 63.6 miles from Ouray, Utah
16. NO. OF ACRES IN LEASE: 1921.84
17. NO. OF ACRES ASSIGNED TO THIS WELL: 640
19. PROPOSED DEPTH: 7970'
20. ROTARY OR CABLE TOOLS: Rotary
21. ELEVATIONS: 8142' ungr

5. LEASE DESIGNATION AND SERIAL NO.: U-10276
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME: Moccasin Trail
8. FARM OR LEASE NAME: Federal
9. WELL NO.: 13-30
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 SW/4 Sec 30 T15S R23
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes handwritten entries like '2000' and '6000'.

Copy to File 9/18/79 [Signature]

Min Eval. Report Usuable wtr may be found in lenticular sand stone units of the Mancos Sh to depths of 500' - These wtr zones must be protected by surface casing. Surface casing must exceed depth of wtr well drilled.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Attorney-in-Fact DATE 6/29/79

PERMIT NO. APPROVAL DATE DISTRICT ENGINEER DATE SEP 06 1979

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4) *See Instructions On Reverse Side

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER M&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-10276

OPERATOR: Pacific Transmission Supply

WELL NO. 13-30

LOCATION: 1/4 NW 1/4 SW 1/4 sec. 30, T. 15S, R. 25E, SLM

VINTAL County, UTAH

1. Stratigraphy: ^{rocks are of} Surface Douglas Creek member of the Green River Formation. Operator's tops seem reasonable.

2. Fresh Water: usable water may be found in the lenticular sandstone units of the Mancos shale to depths of about 500'. Deeper aquifers contain saline water - WRP-71.

3. Leasable Minerals:

Coal beds may be encountered in the Mesaville & in the Ferron member of the Mancos shale. However the well will extend stratigraphically below the Parachute Creek (Oil shale - member).

4. Additional Logs Needed: logs seem adequate.

5. Potential Geologic Hazards: not anticipated by the operator.

6. References and Remarks: none

Signature: emb

Date: 7-18-79

Proposed Action:

On July 2, 1979, Pacific Transmission Supply Company filed an Application for Permit to Drill the No. 13-30 exploratory well, a 7970 foot oil and gas test of the Morrison and Dakota Formations; located at an elevation of 8142 ft. in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 30, T. 15S., R. 25E. on Federal mineral lands and public surface; lease No. U-10276. As an objection was raised to the wellsite, it was moved to 2362' FSL and 606' FWL. This did not change the $\frac{1}{4}$ $\frac{1}{4}$ coordinates. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175 ft. wide by 300 ft. long and a reserve pit 100 ft. by 150 ft. No new access road would be constructed. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 63.6 miles southeast of Ouray, Utah, the nearest town. A fair road runs to the location. This well is a wild-cat well.

Topography:

The location is situated on a relatively flat to gently sloping (to north) area on the top of Tom Patterson Ridge.

Geology:

The surface geology is the Green River Formation. The soil is a sandy clay with mixed shale and sandstone gravels. No geologic hazards are known near

the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric and density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support *A MOUNTAIN* shrub community. The pinon-juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed area when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 1.5 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 10 to 14" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 12".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains northward into Tom Patterson Canyon then into Sweetwater Canyon, then Bitter Creek and eventually into the White River. The White River flows to the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potential for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal

and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Sub-surface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Considerable sagebrush, scrub oak, various mountain bush-types and wild-flowers and native grasses were among the vegetation present at the site.

Plants in the area are of a mountain-shrub type grading to the pinon-juniper association.

Proposed action would remove about 1.5 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrow, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance and the method of mitigating the adverse effects could be determined by a qualified resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations, Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completions equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location. 

The proposed location is within the Seep Ridge Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit--The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since an impact on the environment would be expected, the alternative of moving the location is recommended. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a. A trash cage is to be used instead of a burn pit and solid wastes generated at the site would be hauled away at the completion of the drilling activities.
- b. The main location for a topsoil pile is to be at the southeast corner of the pad although the presently indicated topsoil stockpile location may also be needed for some topsoil.
- c. The location of the wellpad is to be moved 60 feet west to reduce cut and fill.
- d. The road to Tom Patterson Point is to be routed around the southwest portion of the pad and conform to existing specifications.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.5 acres of land surface for the lifetime of the project which would result in

increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to Tom Patterson Canyon would exist through leaks and spills.

Determination:

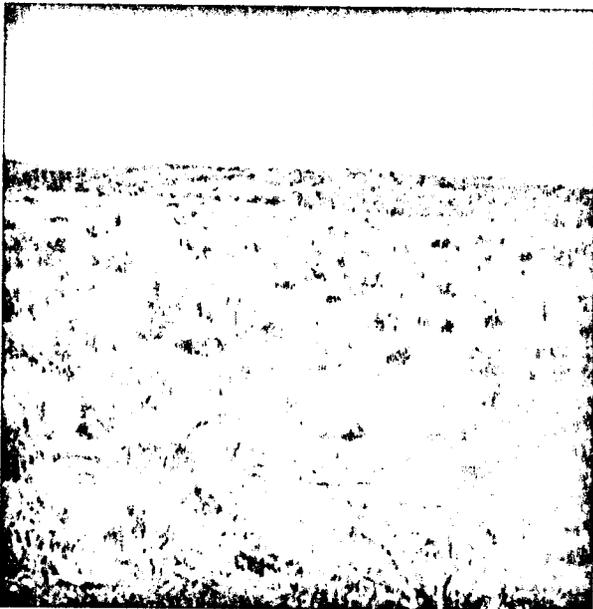
This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

8/30/79

E. W. Luyman

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Well 13-30 Pacific Trans.
Section 30 Supply
T15S, R25E-19-1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Surrendered

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR
 717 17th Street, Suite 2300, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 2362' FSL, ~~666'~~ 600' FWL, Lot 3, Sec 30 T15S R23E S.L.B. & M.,
 At proposed prod. zone SAME Uintah Co., Colorado

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 63.6 miles from Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 666'

16. NO. OF ACRES IN LEASE 1921.84

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7970' Dakota

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8142' ungr

22. APPROX. DATE WORK WILL START* July 9, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Moccasin Trail

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 13-30

10. FIELD AND POOL, OR WILDCAT
 Wildcat

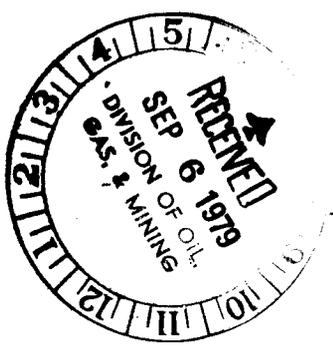
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NW/4 SW/4 Sec 30 T15S R23E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" NEW	48#	200'	200 Cont to Sur
12-1/4"	9-5/8" NEW	36# & 40#	6000'	500 150-200' above
7-7/8"	4-1/2" NEW	11.6#	7970'	400 uppermost hydro-carbon zone



*Sur casing must exceed depth of wh well
 Filed*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Attorney-in-Fact DATE 6/29/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE SEP 06 1979
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY
 *See Instructions On Reverse Side

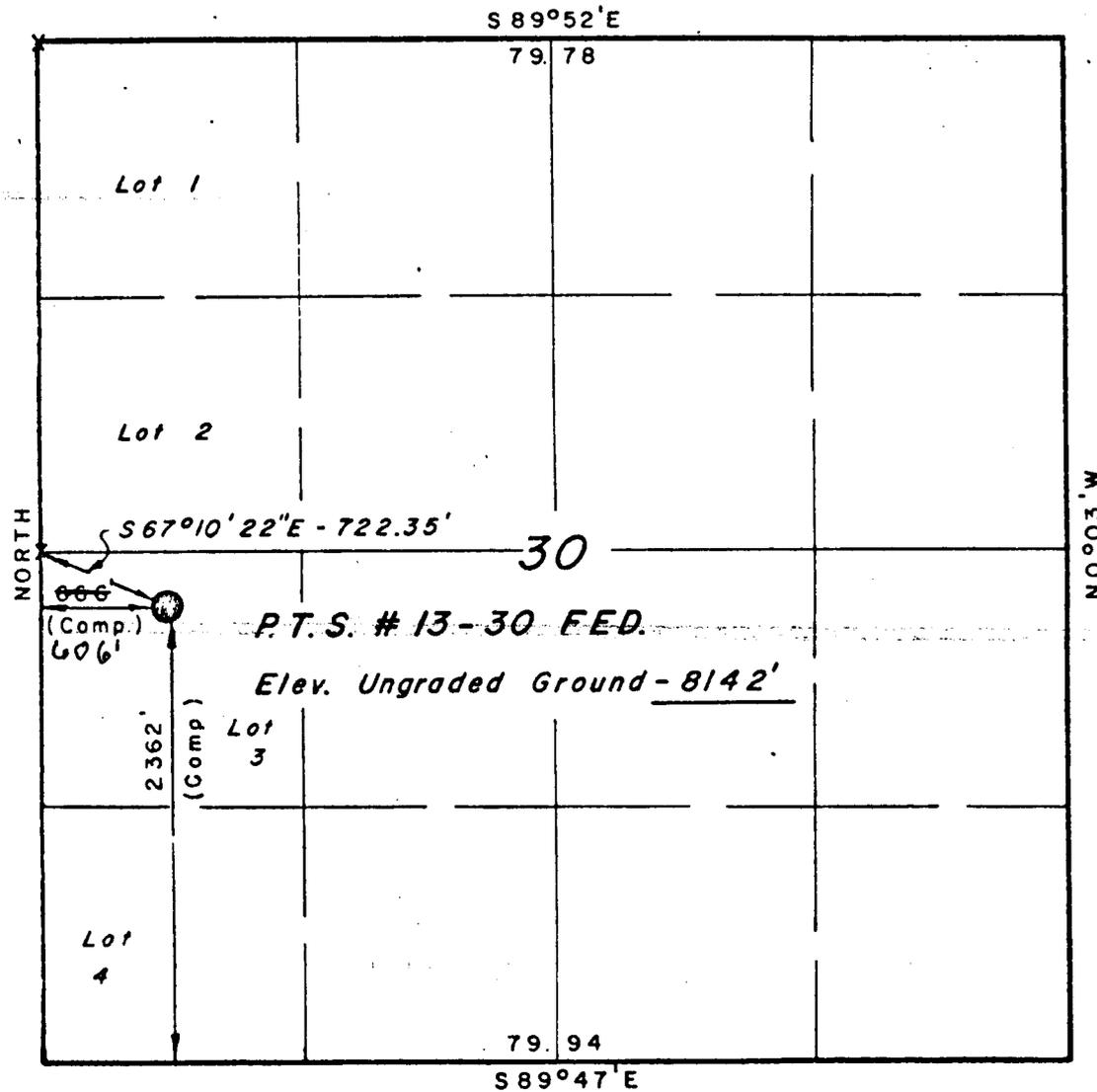
NECESSARY FLARING OF GAS DURING
 DRILLING AND COMPETITION APPROVED
 SUBJECT TO ROYALTY (NTL-4)

Utah O & G

T 15 S, R 25 E, S.L.B. & M.

PROJECT
PACIFIC TRANSMISSION SUPPLY CO.

Well location, P.T.S. #13-30 FED.
located as shown in Lot 3, Section 30,
T15S, R25E, S.L.B.&M. Uintah County,
Utah.



CERTIFICATE

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

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 6/11/79
PARTY L.D.T. D.S. D.W. S.B.	REFERENCES GLO Plat
WEATHER Snow	FILE PACIFIC TRANS.

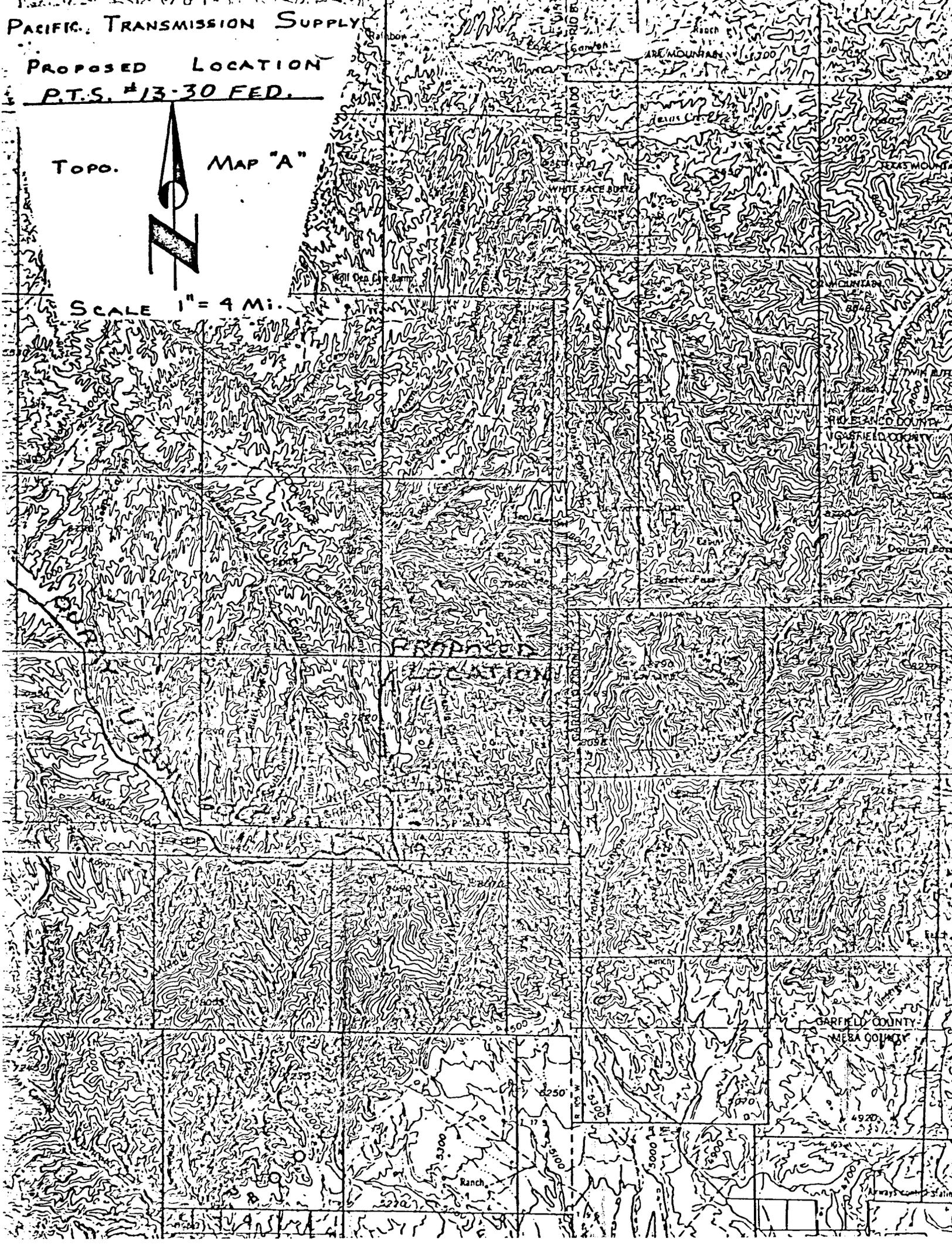
X = Section Corners Located

PROPOSED LOCATION
P.T.S. #13-30 FED.

TOPO. MAP "A"



SCALE 1" = 4 Mi.

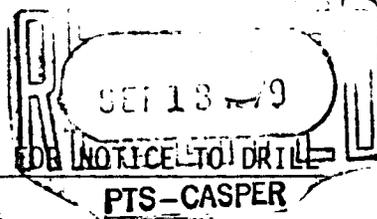


PROPOSED
LOCATION

GARFIELD COUNTY
MESA COUNTY

Ranch

CONDITIONS OF APPROVAL



Company Pacific Transmission Supply Well No. 13-30
 Location Sec. 30-15S-25E Lease No. U-10276

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
 FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. 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 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
3. 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 this office. If operations are to be suspended for more than 30 days, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Engineer must be notified at least 48 hours in advance of the plugging of the well, in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a

Wtr well data required -

follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the District Engineer within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Engineer's office on a frequency and form or method as may be acceptable to the District Engineer.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate directly with the U.S. Geological Survey Area Office, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Engineer. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6 and prior approval by the District Engineer.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (~~are~~) involved at this location. Accordingly, you (must) (~~must~~) notify this office and the Surface Management Agency at least 24 hours prior to commencing field operations to allow this office and/or the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: Ron Rogers - BLM
Office Phone: 789-1362, Home Phone: _____
City: Vernal, State: Utah

The U.S. Geological Survey District Office address and contacts are:

Address: 8440 Federal Building, 125 South State St., Salt Lake City, UT 84138
Office Phone: (801) 524-5650
District Engineer E. W. Gynn Home Phone: 582-7042
Asst. Dist. Engineer W. P. Martens Home Phone: 466-2780
Asst. Dist. Engineer R. A. Henricks Home Phone: 484-2294

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil, and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed for prior approval of the District Engineer, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Engineer's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This application is valid for a period of one year from the date of approval. No extensions will be considered. If the application terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, future operations will require a new application be filed for approval.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. All water well data - depth, hole size, CS9 size, set depth, wtr prod, etc must be submitted to GS

SUPPLEMENTAL STIPULATIONS OF APPROVAL CONTINUED

Pacific Transmission Supply Co.
Well No. 13-30
Sec. 30-15S-25E
Uintah County
U-10276

Supplemental Stipulations:

1. A water well will be drilled on the pad. If water is encountered, samples will be sent to the BLM. *All data on wtr well, depth, hole size, casing depth & size, etc reported to GS*
2. The top 12 inches of soil materials will be stockpiled near point 8 on location layout. Topsoil removed from the reserve pits may be stockpiled between points 5 and 6 of the location layout.
3. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
4. A trash cage is to be used instead of a burn pit. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained and hauled to an approved disposal site.
5. A wire mesh or web type of fence will be used around the reserve pit.
6. It was agreed to by all parties present that the applied-for pad dimensions are adequate to handle all drilling and fracturing operations. The drill site is to be moved due west 60 feet, to reduce cut and fill.
7. In order to minimize watershed damage, exploration, drilling, other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.
8. The road to Tom Patterson Point is to be routed around the southwest portion of the pad and conform to existing specifications.
9. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesa Verde and Ferron Member of Mancos Shale. Please provide two copies of drilling logs and two copies of electric log runs to:

Mr. Jackson Moffitt
Mining Division
US Geological Survey
Room 8426 Federal Building
125 South State
Salt Lake City, Utah 84138

Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

WELL PROGRAM

Well: PTS #13-30 Federal
Moccasin Trail Unit

Location: 2362' from the south line and ^{606'} 666' from the west line in Lot 3 of Section 30, T15S, R25E, Uintah County, Utah.

Elevation: 8142' Ungraded Ground, 8158' KB (estimated).

Contractor: To be selected.

<u>Formation Tops:</u>	<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
	Mesaverde	2008'	+6150
	Castlegate	4028'	+4130
	Mancos	4128'	+4030
	Frontier	7348'	+ 810
	Dakota Silt	7628'	+ 530
	Dakota Sand	7708'	+ 450
	Morrison	7868'	+ 290
	Total Depth	7970'	+ 188

Samples: Drilling cutting samples to be collected by drilling crews for the well-site geologist. Frequency and method of sample collection will be at the discretion of the wellsite geologist.

Mud Logger
and Drilling
Time:

A portable logging unit will be operated by the wellsite geologist from below surface casing to total depth. Geolograph will be in service from surface casing to total depth.

Electrical

Surveys: The following logging program will be employed.

200'-6000' (+) 12-1/4" hole. Dual Induction Laterolog, Borehole Compensated Sonic and Compensated Formation Density Logs.

6000'(+)-Total Depth 7-7/8" hole. Same as above.

Testing

Program: Significant show of oil and gas will be drillstem tested in the event mud is used as a drilling fluid. Use floor manifold with positive choke assembly, hydraulic jars, safety joint, reverse circulating sub sampler assembly and dual packers. Collect samples of all fluids recovered for further analysis.

In the event air drilling proves successful, obtain accurate gas measurements during connections and perform testing to evaluate any significant shows.

Drilling Fluid
Program:

- 0-200' 17-1/2" hole. Spud in with water. Mix gel and lime as necessary to clean hole prior to running surface casing. Have lost circulation materials available for use if necessary.
- Dependent upon availability, etc., consider using an air percussion rig to drill 17-1/2" surface hole to set 13-3/8" surface casing prior to moving in the rotary drilling rig.
- 200'-6000' (+) 12-1/4" hole. Drill with air or air mist. If air drilling becomes impractical, consider drilling with aerated mud. However, if circumstances cause air drilling in any form to be impractical, mud up with a low solids fluid, 8.4-8.7 lbs/gal weight, 29-32 secs/qt viscosity (or as necessary) and adequate fluid loss control.
- 6000' (+)-Total Depth 7-7/8" hole. Drill with air or air mist. Same procedure as above, with increased mud weight as necessary for adequate well control.

Casing
Program: 13-3/8" Surface Casing 0-200'.

<u>Section</u>	<u>Length</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Thd</u>	<u>Condition</u>
0-200'	200'	48.0	H-40	STC	New

Cement requirements approximately 200 sacks Class G with 3% calcium chloride. If cement does not circulate, recement thru 1" pipe until annulus fills.

9-5/8" Intermediate Casing 0-6000' (+)

<u>Section</u>	<u>Length</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Thd</u>	<u>Condition</u>
0-3500'	3500'	36.0	K-55	STC	New
3500'-4750'	1250'	40.0	K-55	STC	New
4750'-6000'	1250'	40.0	N-80	LTC	New

Cement requirements to be determined from the caliper log plus an additional 30% excess volume. The length of the cement column and possible use of stage cementing equipment will be determined following evaluation of the electric logs. If lost circulation occurs while drilling this section, consider using a light weight cement as an alternate to Class G neat cement.

150-200' above upper most hydrocarbon zone

4-1/2" Production Casing 0-7970'

<u>Section</u>	<u>Length</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Thd</u>	<u>Condition</u>
0-7970'	*7970'	11.6	K-55	STC	New

Cement requirements to be determined from the caliper log plus an additional 25% excess volume.

*If well is successfully drilled with air to total depth, consider setting production casing at top of the formation utilizing an open hole packer and cementing stage collar. Preflush with KCL water prior to cementing.

Pressure
Control Equipment
and Specifications:

Test to 1000 psi min

Adequate BOP equipment will be maintained as indicated in the attached Pressure Control Specifications. In addition, the BOP equipment will be well-braced with hand controls extending clear of the drilling rig substructure. The accumulator equipment will provide closing pressure in excess of that required with sufficient volume to operate all components. All BOP equipment, auxiliary equipment, standpipe, valves, and rotary hose will be tested as per test schedule or to the rated pressure of the equipment at the time of installation. Modification of the pressure control equipment or testing procedure will be approved in writing on tour sheets by the wellsite representative.

Personnel & Mailing Information:

Dee E. Beardsley, Manager of Operations
Pacific Transmission Supply Company
P.O. Box 3093
Casper, Wyoming 82602
Telephone: Office (307) 265-1027
Home (307) 234-7666

E. E. Mulholland, Operations Engineer
Pacific Transmission Supply Company
P.O. Box 3093
Casper, Wyoming 82602
Telephone: Office (307) 265-1027
Home (307) 265-4191

R. J. Firth
Pacific Transmission Supply Company
85 South 200 East
Vernal, Utah 84078
Telephone: Office (801) 789-4573
Home (801) 789-5575

Notification of Shows, DST's and Unusual Problems:

Dee E. Beardsley	Office: 397-265-1027	Home: 307-234-7666
J. L. Wroble	303-571-1662	303-770-2667
E. E. Mulholland	307-365-1027	307-265-4191
R. J. Firth	801-789-4573	801-789-5575

Distribution of Information:

Pacific Transmission Supply Company
P.O. Box 3093
Casper, Wyoming 82602
Attn: Mr. D. E. Beardsley

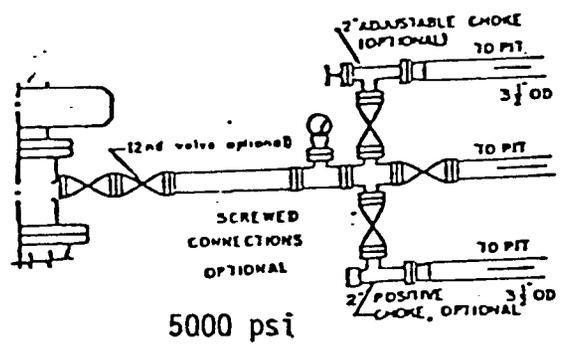
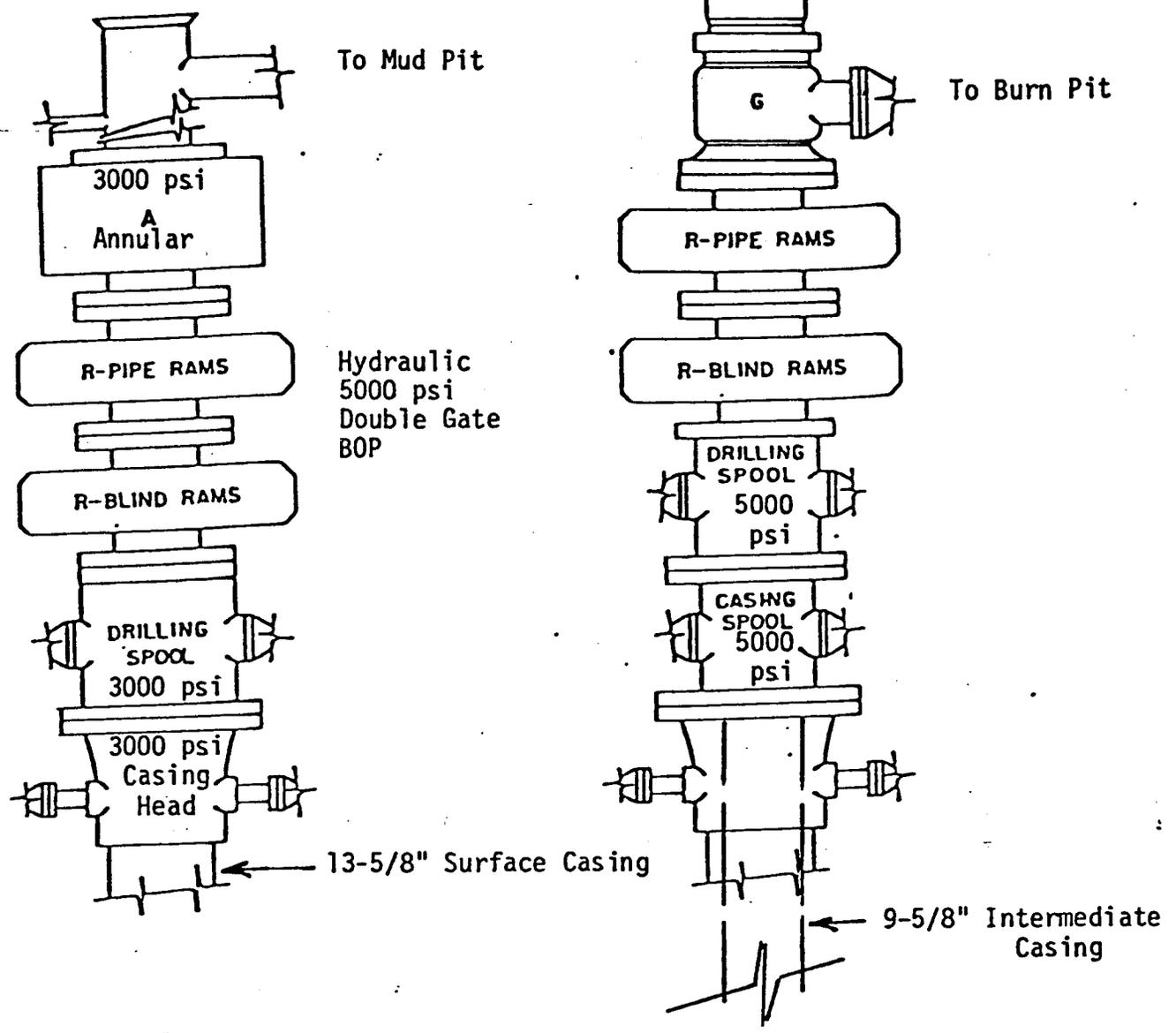
Pacific Transmission Supply Company
85 South 200 East
Vernal, Utah 84078
Attn: Mr. R. J. Firth

Pacific Transmission Supply Company
717 Seventeenth Street Suite 2300
Denver, Colorado 80202
Attn: Mr. J. L. Wroble

United States Geological Survey
Conservation Division
Branch of Oil and Gas
8440 Federal Bldg.
125 South State Street
Salt Lake City, Utah 84138
Attn: Mr. E. W. Guynn

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116
Attn: Chief Petroleum Engineer

PRESSURE CONTROL SPECIFICATIONS



CHOKER-MANIFOLD DESIGN

TEST SCHEDULE

12" BOP System & Choke Manifold to 2500 psi.
13-3/8" and 9-5/8" casing to rated pressure prior to drilling shoe.

ac

Auxiliary Equipment

Lower kelly cock full opening, stabbing valve, float at the bit, rotating drilling head and other accessory air drilling equipment.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30 Federal
Section 30, T15S, R25E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A", to reach the Pacific Transmission Supply Company well location P.T.S. #13-30 Federal, located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 30, T15S, R25E, S.L.B. & M. from Vernal, Utah.

Proceed Westerly out of Vernal, Utah, on U.S. Highway 40, 14 miles to its junction with Utah State Highway 209 to the South; proceed Southerly along Utah State Highway 209, 7 miles to its junction with Utah State Highway 88 to the South; proceed Southerly along this road 10 miles to Ouray, Utah; proceed Southerly from Ouray, Utah, on a Uintah County road known as the Seep Ridge Road 60.5 miles to its junction with a road to the North; proceed Northerly along this road 3.1 miles to the proposed location site.

The above mentioned highways are bitumanous surfaced roads to Ouray, Utah, at which point the existing roads are built from native materials accumulated during construction, these materials consist of light brown sandy clay material with some fine gravels.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road as the existing road described in Item #1 goes to the location site.

3. LOCATION OF EXISTING WELLS

There are no known water wells, abandoned wells, disposal wells, producing wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location site.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30 Federal
Section 30, T15S, R25E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Pacific Transmission Supply Co. tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of this location site.

In the event that production is established, all petroleum production facilities will be contained within the proposed location site (see location layout sheet). Plans for a flowline from this location to existing lines in the area will be submitted upon completion of the well. Plans will be submitted to the appropriate agencies upon completion of survey. The areas used for production facilities will be built using bulldozers, graders, and workman crews to lay lines, and set up equipment.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled from P.R. Springs, approximately 11 road miles to the West of the location site. This water will be hauled by truck over the roads described in Item #1.

In the event this is not a suitable source an alternate source will be made and all agencies involved will be notified.

There will be no water well drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

All surface disturbance is on B.L.M. lands.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30
Section 30, T15S, R25E, S.L.B. & M.

7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout sheet.

A reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

All waste materials will be gathered and hauled to the Vernal, Utah, land fill.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen.

9. WELL SITE LAYOUT

See location layout sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30
Section 30, T15S, R25E, S.L.B. & M.

9. WELL SITE LAYOUT - Continued

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (see location layout sheet and Item #9) When all drilling and production activities have been completed the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced and wired and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30
Section 30, T15S, R25E, S.L.B. & M.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The area is a basin formed by the Blue Mountain Plateau and Green River and White River to the North and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates, and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uintah Formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger Alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoil in the area range from a light brownish-gray sandy clay (SM-SL) type soil poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the North of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in. It consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true for the lower elevations.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

PACIFIC TRANSMISSION SUPPLY COMPANY
P.T.S. #13-30
Section 30, T15S, R25E, S.L.B. & M.

11. OTHER INFORMATION - Continued

The Topography of the immediate area (See Topographic Map "B").

P.T.S. #13-30 Federal sits on top of Tom Patterson Ridge a large ridge which separates Sweet Water Canyon from Chipeta Canyon both of which drain to the North into the aforementioned White River.

The majority of the drainages in the area around this location run in a Northerly direction into aforementioned canyons which are tributarys to the White River and are non-perennial streams.

The terrain in the vicinity of the location slopes to the North from a small ridge through the location site at approximately a 5% grade into a small canyon to the North.

All lands involved by the locaiton are under B.L.M. jurisdiction.

The vegetation in the immediate area surrounding the location site is predominantly juniper, pinion pine, sagebrush, and grasses. There are no occupied dwelling or other facilities of this nature in the general area. There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

C. T. Clark
717 17th Street, Suite 2300
Denver, Colorado 80202

Telephone: 571-1662

Peter MacDowell
Resource Marketing Services, Inc.
821 17th Street, Suite 804
Denver, Colorado 80202

(303)892-9185 Office
(303)773-3020 Home

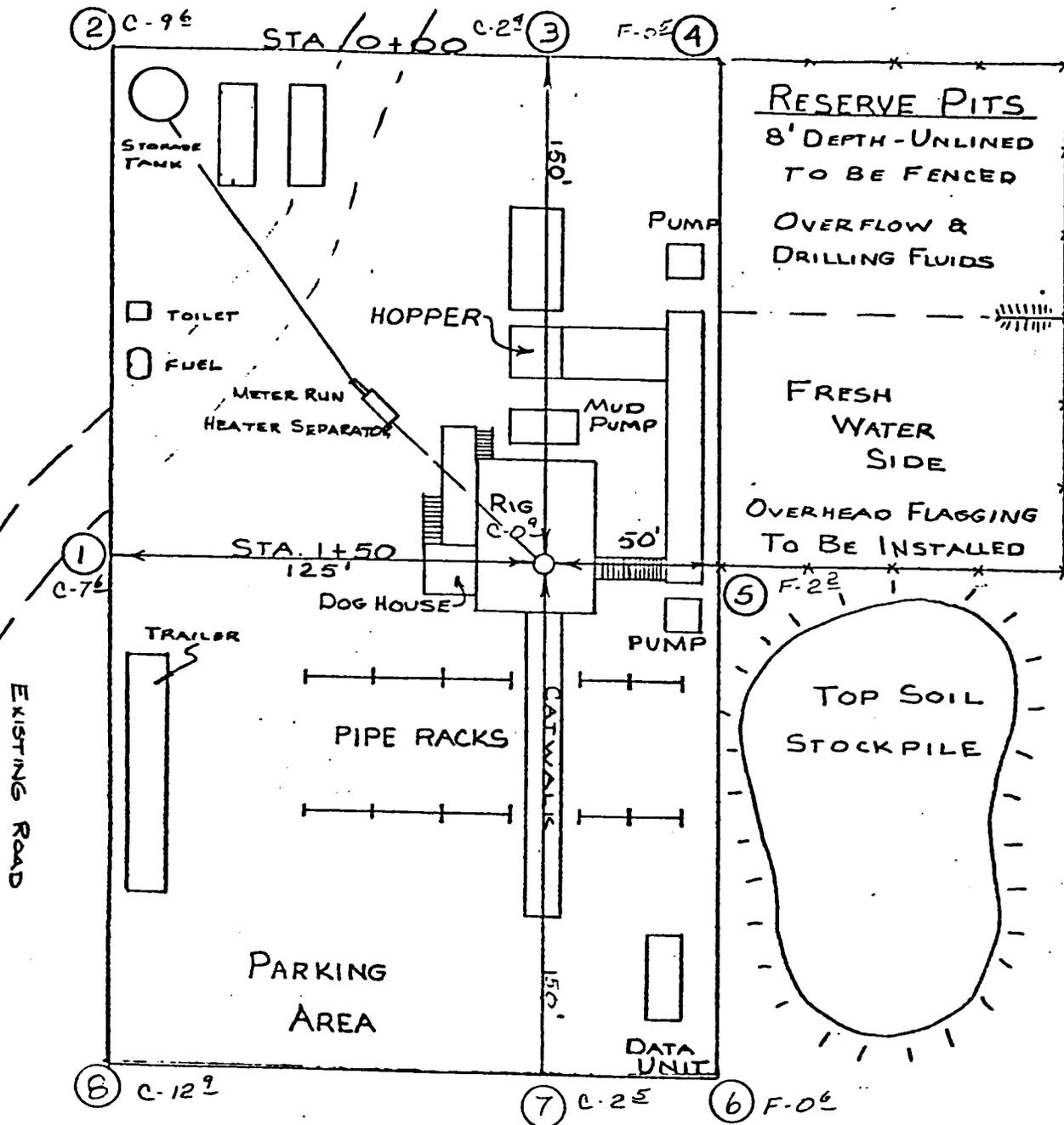
13. CERTIFICATION

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

**EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILED IN U-38700 AND SUCH
AUTHORITY IS STILL IN EFFECT.**

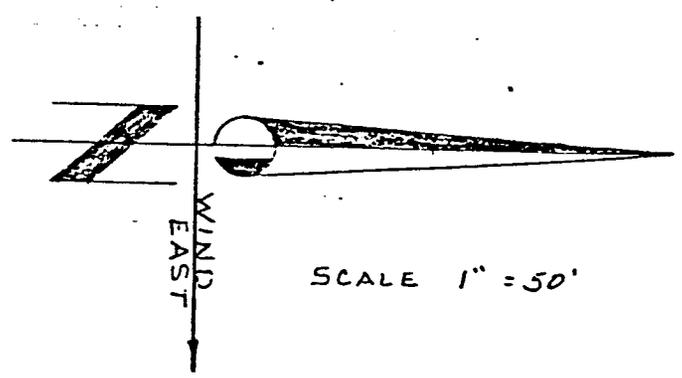
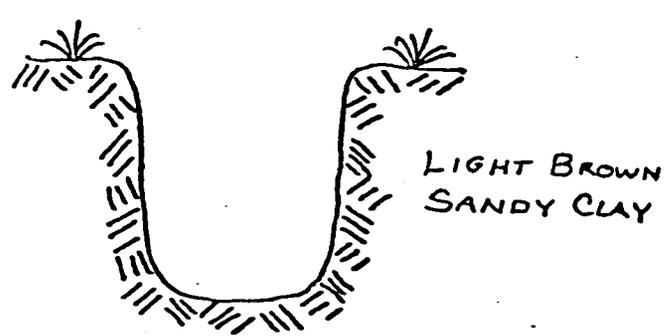
June 29, 1979
Date


C. T. Clark
Attorney-in-Fact



CROSS SECTIONS

SOILS LITHOLOGY
- NO SCALE -



101 = "1"

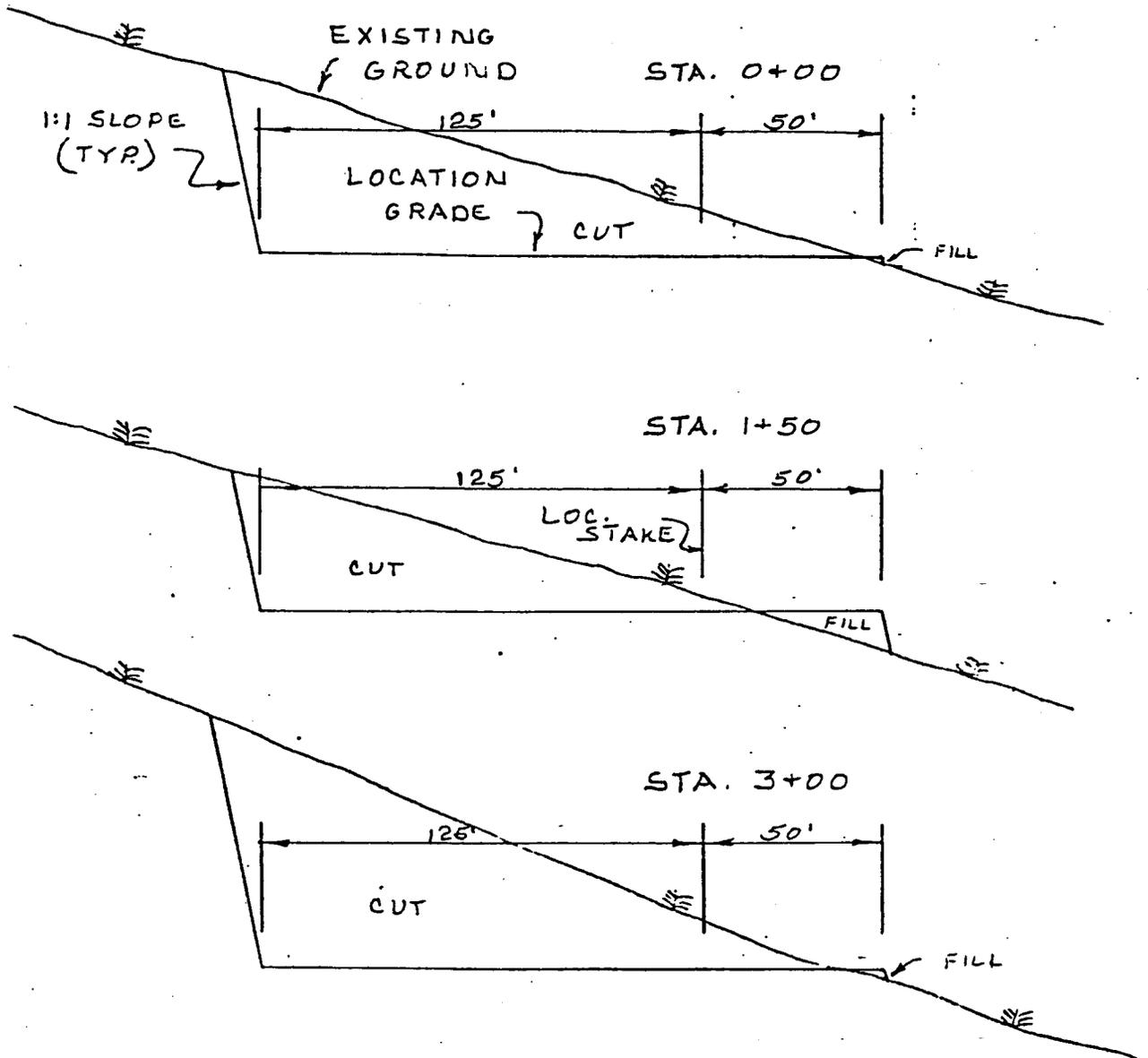
SCA.
1" = 5'

PACIFIC TRANSMISSION SUPPLY Co.

LOCATION LAYOUT & CUT SHEET

C
R
O
S
S

S
E
C
T
I
O
N
S



1" = 10'
SCALE
1" = 50'

APPROX. YARDAGES

CUT - 8,558 CU. YDS.
FILL - 249 CU. YDS.

Changed BACK to PACIFIC TRAMS. 2-4-5
NO. 720

** FILE NOTATIONS **

DATE: Sept 12, 1979

Operator: Pacific Transmission Supply Company

Well No: Moccasin Trail Unit 13-30

Location: Sec. 30 T. 155 R. 25E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-30620

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: C.B. Feight / KA

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation Sea-Unit

Plotted on Map

Approval Letter Written
vtm

Unit approval

September 19, 1979

Pacific Transmission Supply Company
717 17th Street, Suite 2300
Denver, Colorado 80202

Re: Well No. Moccasin Trail Unit 13-30
Sec, 30, T. 15S, R. 25 E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30620.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING
P. O. BOX 3093
CASPER, WYOMING 82602
(307) 265-1027

September 20, 1979

Mr. B. J. Perry (1)
MONO POWER
P.O. Box 800
Rosemead, California 91770

Mr. Jim Manus (2)
GREAT BASINS PETROLEUM CO.
1011 Gateway West, Century City
Los Angeles, California 90067

Mr. Ross Hamming (1)
CALALTA RESOURCES, INC.
920 First National Bank Bldg.
Denver, Colorado 80293

NETUMAR RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, Colorado 80293

PACIFIC CENTURY RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, Colorado 80293

Mr. Doug Kiesau (1)
COSEKA RESOURCES, LTD.
718 Seventeenth St., Suite 630
Denver, Colorado 80202

Re: PTS #13-30 Federal Moccasin Trail
Sec. 30, T15S, R25E
Uintah, UT

Gentlemen:

Please be apprised that our Application for Permit to Drill, Deepen, or Plug Back, for the above captioned well was approved by E.W. Guynn on September 6, 1979, as shown on your file copy which is attached.

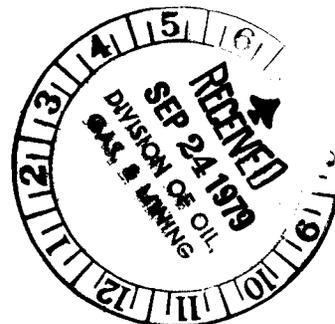
Very truly yours,

E. E. Mulholland/mel

E. E. Mulholland
OPERATIONS ENGINEER

EEM/mel

cc: Division of Oil, Gas, & Mining ←
Ralph E. Davis & Associates
JL Wroble
ER Henry
RJ Firth



Enclr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Moccasin Trail

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-30

10. FIELD AND POOL, OR WILDCAT
Wildcat

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

Section 30, T15S, R25E

12. COUNTY OR PARISH 18. STATE

Uintah Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR
P.O. Box 3093, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2362' from south line, 606' from west line, Lot 3, Section 30, T15S, R25E, S.L.B. & M. Uintah County, Utah.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

8142' Ungr. Gr.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spudding Operations

(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.)*

Approval for Application to Permit to Drill received September 6, 1979. Moved in equipment and prepared location site, pits, and road. Rigged up D & R Air Drilling Company rig. Spudded 12-1/4" surface hole at 9 p.m., October 25, 1979. Spudding operations reported orally to USGS, Salt Lake City on October 26, 1979. Drilled 12-1/4" hole to 500'. No water sands encountered during drilling operations. Drilled and reamed surface hole to 17-1/2" to 202'. Ran 5 joints 13-3/8", 48.0#, H-40 surface casing with guide shoe and float collar. Landed casing at 200' GL and cemented with 200 sacks Class H cement with 2% calcium chloride and 1/4#/sack celloflake. Cement circulated to surface. Plug down at 1 p.m. November 5, 1979. Rigged down and moved equipment from location.

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

SIGNED

R. L. Firth

TITLE Petroleum Engineer

DATE November 6, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

3-USGS, SLC, UT; 1-St. of Utah; 1-JLWroble; 1-ERHenry; 1-EEMulholland; 1-File

*See Instructions on Reverse Side



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

April 15, 1980

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Pacific Transmission Supply Co.
ATTENTION R.J. FIRTH
P.O. Box 3093
Casper, Wyoming 82602

Re: See attached sheet for wells

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK-TYPIST

- (1) **Well No. Moccasin Trail Unit 13-30**
Sec. 30, T. 15S, R. 25E.
Uintah County, Utah
Months due: November 1979-March 1980

- (2) Well No. Sand Ridge Unit 23-11
Sec. 11, T. 9S, R. 23E.
Uintah County, Utah
Months due: January 1979-March 1980

- (3) Well No. Sand Ridge Fed. 23-17
Sec. 17, T. 8S, R. 23E.
Uintah County, Utah
Months due: February-March 1980

Natural Gas Corporation of California

85 South 200 East
Vernal, Utah 84078
(801) 789-4573
May 27, 1980

Mr. E. W. Gynn (3)
GEOLOGICAL SURVEY-CONSERVATION DIV.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Frank M. Hamner (1)
DIVISION OF OIL, GAS & MINING
1588 West North Temple
Salt Lake City, UT 84116

Mr. B. J. Perry (1)
MONO POWER COMPANY
P.O. Box 800
Rosemead, CA 91770

Mr. J. Milton Wege (1)
RALPH E. DAVIS & ASSOCIATES
500 Jefferson, Suite 2031
Houston, TX 77002

Mr. Jim Manus (1)
GREAT BASINS PETROLEUM CO.
1011 Gateway West, Century City
Los Angeles, CA 90067

Mr. Ross Hamming (1)
CALALTA RESOURCES, INC.
920 First National Bank Bldg.
Denver, CO 80293

NETUMAR RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, CO 80293

PACIFIC CENTURY RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, CO 80293

Mr. Doug Kiesau (1)
COSEKA RESOURCES (USA) LIMITED
718 Seventeenth St., Suite 630
Denver, CO 80202

Re: PTS 13-30 Federal, Moccasin Trail Unit
NW/4 SW/4, Lot 3, Sec. 30, T15S, R25E
Uintah County, UT

Gentlemen:

Enclosed are your required number of copies of Form 9-331, Sundry Notices and Reports on Wells, Notice of Intention to Resume Drilling Operations dated May 26, 1980 for the above referenced well.

Very truly yours,



R. J. Firth
Petroleum Engineer

RJF/kh
Encls.

cc: J. Osmond
E. R. Henry
E. E. Mulholland
C. T. Clark (Cover Letter Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)		5. LEASE DESIGNATION AND SERIAL NO. U-10276
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Pacific Transmission Supply Company		7. UNIT AGREEMENT NAME Moccasin Trail
3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, Wyoming 82602		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E, Uintah County, UT		9. WELL NO. 13-30
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8142' Gr., 8156' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4, SW/4, Lot 3 Section 30, T15S, R25E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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) Resume Drilling Operations <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.)*

Drilling operations on Moccasin Trail Unit, Well No. 13-30, were suspended on November 5, 1979 due to constraints prohibiting drilling activities in the Bookcliffs Resource area from November 1 to April 30. The action to suspend operations on this well was approved pursuant to Section 25, "Unavoidable Delay", of the Moccasin Trail Unit agreement by Mr. C. J. Curtis, Area Oil and Gas Supervisor on March 5, 1980.

Operations to move in drilling equipment are expected to commence on May 28, 1980 with actual drilling operations to resume about June 1, 1980.

RECEIVED
 MAY 28 1980

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

DIVISION OF OIL, GAS & MINING

SIGNED *R. J. Frith* TITLE Petroleum Engineer DATE May 26, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 3-USGS, SLC, UT; 1-Div. of OG&M, UT; 1-J. Osmond; 1-E.R. Henry; 1-E.E. Mulholland;
 1-Mono Power; 1-Ralph E. Davis; 1-Great Basins Pet.; 1-Calalta Res.; 1-Netumar Res.;
 1-Pacific Century Res.; 1-Coseka

See Instructions on Reverse Side

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

June 10, 1980

RECEIVED
JUN 12 1980

DIVISION OF
OIL, GAS & MINING

Mr. E. W. Guynn (3)
GEOLOGICAL SURVEY-CONSERVATION DIV.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Frank M. Hamner (1)
DIVISION OF OIL, GAS & MINING
1588 West North Temple
Salt Lake City, UT 84116

Mr. B. J. Perry (1)
MONO POWER COMPANY
P.O. Box 800
Rosemead, CA 91770

Mr. Bob Gilmore (1)
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, Texas 75206

Mr. Jim Manus (1)
GREAT BASINS PETROLEUM CO.
1011 Gateway West, Century City
Los Angeles, CA 90067

Mr. Ross Hamming (1)
CALALTA RESOURCES, INC.
920 First National Bank Bldg.
Denver, CO 80293

NETUMAR RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, CO 80293

PACIFIC CENTURY RESOURCES, INC. (1)
920 First National Bank Bldg.
Denver, CO 80293

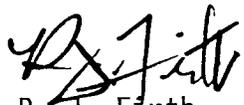
Mr. Doug Kiesau (1)
COSEKA RESOURCES (USA) LIMITED
718 Seventeenth St., Suite 630
Denver, CO 80202

Re: PTS #13-30 Federal, Moccasin Trail Unit
NW/4 SW/4, Lot 3, Section 30, T15S, R25E
Uintah County, Utah

Gentlemen:

Enclosed are your required number of copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of Daily Drilling Progress dated 6/10/80 for the above referenced well.

Very truly yours,



R. J. Firth
Petroleum Engineer

RJF/kh

Encls.

cc: J. C. Osmond
E. R. Henry
D. E. Beardsley
C. T. Clark (Cover Letter Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Pacific Transmission Supply Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, WY 82602</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E, Uintah County, Utah</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-10276</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Moccasin Trail</p> <p>8. FARM OR LEASE NAME Federal</p> <p>9. WELL NO. 13-30</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4, SW/4, Lot 3 Section 30, T15S, R25E</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>	
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8142' Gr., 8156' KB</p>	

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) <u>Daily Drilling Progress</u> <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.)*

Daily Drilling Progress Report attached.

RECEIVED
JUN 12 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED R. J. Firth TITLE Petroleum Engineer DATE June 10, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
3-USGS,UT; 1-OG&M,UT; 1-JOsmond; 1-EHenry; 1-DBeardsley; 1-Mono Power; 1-Great Basins Pet;
1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & MacNaughton
*See Instructions on Reverse Side

PTS #13-30 Federal
Section 30, T15S, R25E
Uintah County, UT
Daily Drilling Progress

- 6-4-80 Contractor, Olsen Drilling Co. Drilling days (1). NU BOP's and pressure tested. Drilled cement and cleaned out to 512' with 12-1/4" bit. RU air equipment to blow hole dry.
- 6-5-80 (2) 1000'. Drilling with air.
- 6-6-80 (3) 1680'. Drilling. TOOH to mud up.
- 6-7-80 (4) 1680'. TIH and clean out to resume drilling. Mixing and conditioning mud 9 hrs.
- 6-8-80 (5) 2215'. Drilling.
- 6-9-80 (6) 2720'. Drilling. Spl. top Mesaverde 2125'.
- 6-10-80 (7) 3054'. Drilling.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Moccasin Trail

8. FARM OR LEASE NAME

Federal

9. WELL NO.

13-30

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NW/4 SW/4, Lot 3,
Section 30, T15S, R25E

12. COUNTY OR PARISH 13. STATE

Uintah Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR
P.O. Box 3093, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E
Uintah County, UT

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8142' Gr., 8156' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

The 9-5/8 inch intermediate casing setting depth will be changed from 6000 feet as previously approved to 4800 feet. This procedure will permit drilling the Mancos B formation with air or air mist in order to avoid excessive formation damage. Cement requirements will provide for 150'-200' of cement above the upper most hydrocarbon show.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 6-19-80
BY: [Signature]

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

SIGNED [Signature] TITLE Petroleum Engineer DATE June 17, 1980

R. D. Firth

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

3-USGS,UT; 1-OC&M,UT; 1-JCOsmond; 1-ERHenry; 1-DEBeardsley; 1-Mono Power; 1-Great Basins Pet
1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & MacNaughton

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR
P.O. Box 3093, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E,
Uintah County, Utah

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
| 8142' Gr., 8156' KB

5. LEASE DESIGNATION AND SERIAL NO.
U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Moccasin Trail

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-30

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/4, SW/4, Lot 3
Section 30, T15S, R25E

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

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) <u>Daily Drilling Progress</u> <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.)*

Daily Drilling Progress Report attached.

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

SIGNED R. Firth TITLE Petroleum Engineer DATE June 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

3-USGS,UT; 1-OC&M,UT; 1-JCOsmond; 1-ERHenry; 1-DEBeardsley; 1-Mono Power; 1-Great Basins Pe
1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & MacNaughton
*See Instructions on Reverse Side

PTS #13-30 Federal
Section 30, T15S, R25E
Uintah County, UT
Daily Drilling Progress

- 6-4-80 Contractor, Olsen Drilling Co. Drilling days (1). NU BOP's and pressure tested. Drilled cement and cleaned out to 512' with 12-1/4" bit. RU air equipment to blow hole dry.
- 6-5-80 (2) 1000'. Drilling with air.
- 6-6-80 (3) 1680'. Drilling. TOOH to mud up.
- 6-7-80 (4) 1680'. TIH and clean out to resume drilling. Mixing and conditioning mud 9 hrs.
- 6-8-80 (5) 2215'. Drilling.
- 6-9-80 (6) 2720'. Drilling. Spl. top Mesaverde 2125'.
- 6-10-80 (7) 3054'. Drilling.
- 6-11-80 (8) 3425'. Drilling.
- 6-12-80 (9) 3824'. Drilling.
- 6-13-80 (10) 4000'. Tripping for new bit.
- 6-14-80 (11) 4209'. Drilling.
- 6-15-80 (12) 4454'. Drilling.
- 6-16-80 (13) 4647'. Drilling.
- 6-17-80 (14) 4800'. Circulating and conditioning hole to log.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

<p>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.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-10276</p>
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Pacific Transmission Supply Company</p>		<p>7. UNIT AGREEMENT NAME Moccasin Trail</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, WY 82602</p>		<p>8. FARM OR LEASE NAME Federal</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E Uintah County, UT</p>		<p>9. WELL NO. 13-30</p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8142' Gr., 8156' KB</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA NW/4 SW/4, Lot 3 Section 30, T15S, R25E</p>
<p>12. COUNTY OR PARISH</p>		<p>13. STATE Utah</p>

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) Setting & Cementing Casing <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Drilled 7-7/8" hole to TD 8057' and conducted electric logging operations. Ran 232 jts. 4-1/2", 11.6#, N-80 production casing with guide shoe, float collar and 6 centralizers. Land casing at 8056' and cemented with 175 sacks RFC. Preceded and displaced cement slurry with 3% potassium chloride water. Estimated cement top at 7000'. Set casing slips and land casing. Rigged down rotary drilling rig and equipment.

RECEIVED
JUL 03 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *R. A. Firth* TITLE Petroleum Engineer DATE June 30, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

3-USGS,UT; 1-OG&M, UT; 1-JCOsmond; 1-ERHenry; 1-DEBeardsley; 1-Mono Power; 1-Great Basins Pet; 1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & MacNaughton

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-10276
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Pacific Transmission Supply Company		7. UNIT AGREEMENT NAME Moccasin Trail
3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, WY 82602		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E Uintah County, UT		9. WELL NO. 13-30
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8142' Gr., 8156' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 SW/4, Lot 3 Section 30, T15S, R25E
12. COUNTY OR PARISH		13. STATE Uintah Utah

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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) Perform Completion Operations <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/> (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

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.)*

Operator proposes to commence completion operations as outlined in the attached Completion Procedure. No additional surface disturbance or damage will result from these operations. Operations are expected to commence about July 14, 1980 and will continue for approximately 10 days.

**APPROVED BY THE DIVISION OF
 OIL, GAS, AND MINING**
 DATE: 7-29-80
 BY: M. J. Munder

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

SIGNED BY: R. J. FIRTH TITLE Petroleum Engineer DATE July 3, 1980
R. J. Firth

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 3-USGS,UT; 1-OG&M,UT; 1-JCOsmond; 1-JCBendler; 1-ERHenry; 1-Mono Power; 1-Great Basins
 Pet; 1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & MacNaughton

*See Instructions on Reverse Side

COMPLETION PROCEDURE
PTS #13-30 Federal
Moccasin Trail Unit

Location: 2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E
Uintah County, UT

Elevation: 8142' Gr., 8156' KB

Depths: TD 8057', PBD 8016' estimated

Casing: 4-1/2", 11.6#, N-80 landed at 8056'. Cemented with 175 sacks RFC 10-0.
Preceded 14.2#/gal. cement slurry with 30 bbls. 3% KCl water. Displaced
with 3% KCl water.

Casing data: 4-1/2", 11.6#, N80
Collapse strength 6350 psi
Burst strength 7780 psi
Casing capacity .0155 bbls/ft.
Casing annulus capacity
with 2-3/8" tubing .0101 bbls/ft.
Tubing Capacity .00387 bbls/ft.

Procedure: Depth measurements from Schlumberger FDC log.

1. Move in and rig up completion unit and equipment.
2. Cut off 4-1/2 inch casing, install tubing head assembly and pressure test.
3. Nipple up and pressure test 6 inch 5000 psi BOP equipment.
4. Run 3-3/4 inch bit, casing scraper and 2-3/8 inch tubing to PBD at approximately 8016 feet.
5. Pressure test 4-1/2 inch casing to 5000 psi. Pull tubing, scraper and bit.
6. Rig up logging equipment and run Cement Bond log with Gamma Ray and casing collar correlation from PBD to cement top at approximately 7000 feet.
7. Run tubing with retrievable bridge plug and packer. Set RBP at about 7940-50 feet and packer at 7850 feet. Swab tubing dry.
8. Perforate Dakota formation 7890-7902 feet with 1 shot every two (2) feet, total 7 holes.
9. Acidize thru perforations with 500 gallons 7-1/2% HCl acid. Use ball sealers to obtain complete ball out. Flush with 3% KCl water.
10. Swab and flow test to obtain accurate rate and volume information.
11. Reset retrievable bridge plug at about 7850 feet and packer at 7725 feet. Swab tubing dry.
12. Perforate Dakota formation 7782-7804 feet with 1 shot every two (2) feet, total 12 holes.

13. Acidize thru perforations with 1000 gallons 7-1/2% HCl acid. Use ball sealers to obtain complete ball out. Flush with 3% KCl water.
14. Swab and flow test to obtain accurate rate and volume information.
15. Retrieve bridge plug and pull tubing. Run tubing and land at about 7700 feet. Install wellhead equipment and prepare to perform fracture operations. Stimulation procedures will be determined following analyzing test results.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

Moccasin Trail

2. NAME OF OPERATOR

Pacific Transmission Supply Company

8. FARM OR LEASE NAME

Federal

3. ADDRESS OF OPERATOR

P.O. Box 3093, Casper, WY 82602

9. WELL NO.

13-30

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2362' FSL, 606' FWL, Lot 3, Section 30, T15S, R25E
Uintah County, UT

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NW/4 SW/4, Lot 3

Section 30, T15S, R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

8142' Gr., 8156' KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Daily Drilling Progress
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Daily Drilling Progress Report Attached.

RECEIVED
JUL 03 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED R. Z. Firth

TITLE Petroleum Engineer

DATE June 30, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

3-USGS,UT; 1-OG&M,UT; 1-JCOsmond; 1-ERHenry; 1-DEBeardsley; 1-Mono Power; 1-Great Basins
Pet; 1-Calalta Res; 1-Netumar Res; 1-Pacific Century Res; 1-Coseka; 1-DeGolyer & Mac-

*See Instructions on Reverse Side

Naughton

PTS #13-30 Federal
Section 30, T15S, R25E
Uintah County, UT
Daily Drilling Progress

- 6-4-80 Contractor, Olsen Drilling Co. Drilling days (1). NU BOP's and pressure tested. Drilled cement and cleaned out to 512' with 12-1/4" bit. RU air equipment to blow hole dry.
- 6-5-80 (2) 1000'. Drilling with air.
- 6-6-80 (3) 1680'. Drilling. TOOH to mud up.
- 6-7-80 (4) 1680'. TIH and clean out to resume drilling. Mixing and conditioning mud 9 hrs.
- 6-8-80 (5) 2215'. Drilling.
- 6-9-80 (6) 2720'. Drilling. Spl. top Mesaverde 2125'.
- 6-10-80 (7) 3054'. Drilling.
- 6-11-80 (8) 3425'. Drilling.
- 6-12-80 (9) 3824'. Drilling.
- 6-13-80 (10) 4000'. Tripping for new bit.
- 6-14-80 (11) 4209'. Drilling.
- 6-15-80 (12) 4454'. Drilling.
- 6-16-80 (13) 4647'. Drilling.
- 6-17-80 (14) 4800'. Circulating and conditioning hole to log.
- 6-18-80 (15) 4806'. Running 9-5/8" intermediate casing. Completed logging. DI-SFL, BHC and CNL-FDC.
Fm. tops: Mesaverde 1956', Buck Tongue 3800', Castlegate 3906', Mancos Sh. 4200'.
- 6-19-80 (16) 4806'. NU BOP equipment. Ran 120 jts. 9-5/8", 36.0# & 40.0#, K-55 and N-80 int. casing with guide shoe and float collar. Land casing at 4804' KB and cemented with 226 sacks RFC and 100 sacks Class G.
- 6-20-80 (17) 5018'. Drilling. NU BOP equipment and pressure test to 1500#. Drill cement, float collar and shoe. Dry hole with air and resume drlg.
- 6-21-80 (18) 5816'. Tripping. Drilling with air. Tripping to PU stabilizer. Deviation: 7° at 5719'.
- 6-22-80 (19) 6032'. Drilling. Drilling with air. 1 stabilizer at 60' above bit. Deviation: 8-1/2° at 5939'.

PTS 13-30 Federal
Section 30, T15S, R25E
Uintah County, UT
Daily Drilling Progress

- 6-23-80 (20) 6099'. Tripping w/bit #4 and new stabilizer. Drilling with air. Deviation 9° at 6094'. Twisted off at pin on stabilizer. RIH w/fishing tools and recovered 2 drill collars and bit.
- 6-24-80 (21) 6690'. Drilling. Drilling with air and 1 stabilizer 60' above bit. Deviation: 6° at 6341', 4-3/4° at 6580'.
- 6-25-80 (22) 7500'. Tripping for bit. Deviation: 4-1/4° at 7360'.
- 6-26-80 (23) 7973'. Drilling. Tripped for bit #5 and laid down string stabilizer. Spl. tops: Dakota silt 7765', Dakota sand 7868', Morrison 7952'.
- 6-27-80 (24) 8050'. Drllr., 8057' Schl. Waiting on orders. Completed logging. DIL-SFL, FDC & SNP.
- 6-28-80 (25) 8057'. Laying down drill pipe and preparing to run production casing.
- 6-29-80 (26) 8057'. R.D. rotary drilling rig. Ran 232 jts. 4-1/2", 11.6# N-80 casing and cemented with 175 sacks RFC. Drilling rig released at 5 a.m. 6-29-80.

NATURAL GAS CORPORATION OF CALIFORNIA

OPERATIONS HEADQUARTERS
308 DURBIN CENTER BUILDING
145 SOUTH DURBIN STREET
P. O. BOX 3093
CASPER, WYOMING 82602
(307) 265-1027

July 16, 1980

RECEIVED
JUL 21 1980

Mr. B. J. Perry
MONO POWER
P. O. Box 800
Rosemead, California 91770

Mr. Bob Gilmore
DeGOLYER & MacNAUGHTON
No. 1 Energy Square
Dallas, Texas 75206

Mr. Rolf Hanning
CALALTA RESOURCES, INC.
920 First National Bank Bldg
Denver, Colorado

NETUMAR RESOURCES, INC.
920 First National Bank Bldg
Denver, Colorado 80293

PACIFIC CENTURY RESOURCES, INC.
920 First National Bank Bldg
Denver, Colorado

Mr. Douglas Kiesau
COSEKA RESOURCES, LIMITED
718-17th Street, Suite 630
Denver, Colorado 80202

DIVISION OF
Mr. Jim Manus OIL, GAS & MINING
GREAT BASINS PETROLEUM CO.
1011 Gateway West, Century City
Los Angeles, California 90067

GREAT BASINS PETROLEUM CO.
304 Republic Building
1612 Tremont Place
Denver, Colorado 80202

Mr. E. W. Guynn (2)
GEOLOGICAL SURVEY-CONS. DIVISION
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Mr. Frank Hammer
DIVISION OF OIL, GAS & MINING
1588 West North Temple
Salt Lake City, Utah 84116

Re: PTS #13-30 Federal
NW/SW Sec 30, T15S, R25E
Uintah County, Utah
MOCCASIN TRAIL UNIT

Gentlemen,

We are enclosing herewith your required number of copies of the
GEOLOGICAL WELL REPORT for the captioned well.

Very truly yours,

Richard L. Crum/mel

RICHARD L. CRUM

RLC:a

cc: J. C. Bendler
E. R. Henry
R. J. Firth
C. T. Clark (cover letter only)
Rod Boschee
J. M. Kunz

encl.

December 19, 1980

Pacific Transmission Supply Company
P.O. Box 3093
Casper, Wyoming 82602

RE: Well No. Federal #13-30
Sec. 30, T. 15S, R. 25E.,
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING



BARBARA HILL
RECORDS CLERK, WELL

/bjh

Enclosures: Forms



COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

January 13, 1981

Ms. Barbara Hill
State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Federal #13-30
Sec. 30-T15S-R25E
Uintah Co., Utah

Dear Barbara:

Reference is made to your letter dated December 19, 1980 to Pacific Transmission Supply Company regarding the Completion Report and Logs for the above referenced well. This is to inform you that Coseka has assumed operations of the well. It has not been completed due to winter shut down orders by the BLM. As soon as the well is completed the required information will be submitted.

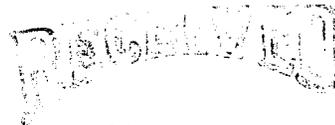
Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda J. Groghan

Brenda J. Groghan
Production Secretary

/bg



JAN 13 1981

DIVISION OF
OIL, GAS & MINING

F-A

April 22, 1981

Coseka Resources
178 17th Street
Suite 630
Denver, Colorado 80202

Re: Well No. 10-2-15-22
Sec. 2, T. 15S. R. 22E.
Uintah County, Utah
(December 1980-April 1981)

Re: Well No. Federal #13-30
Sec. 30, T. 15S. R. 25E.
Uintah County, Utah
(February 1981-April 1981)

Gentlemen:

Our records indicate that you have not filed the Monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Forms 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 24, 1981

Coseka Resources
718 17th Street
Suite 630
Denver, Colorado 80202

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Well No. Dry Burn Federal Unit # 4-31-13-26
Sec. 31, T. 13S, R. 26E.
Uintah County, Utah
(November 1981)

Well No. Pine Springs Federal # 9-12-14-21
Sec. 12, T. 14S, R. 21E
Uintah County, Utah
(November 1981)

Well No. Pine Springs 13-26-14-22
Sec. 26, T. 14S, R. 22E
Uintah County, Utah
(October 1981- November 1981)

Well No. Trapp Spring Federal 6-13-14-23
Sec. 13, T. 14S, R. 23E
Uintah County, Utah
(August 1981- November 1981)

Well No. Trapp Springs Federal Unit 1-25-14-23
Sec. 25, T. 14S, R. 23E
Uintah County, Utah
(June 1981- November 1981)

Well No. Federal 2-18-15-22
Sec. 18, T. 15S, R. 22E
Uintah County, Utah
(October 1981- November 1981)

Well No. Main Canyon 6-8-15-23
Sec. 8, T. 15S, R. 23E
Uintah County, Utah
(September 1981- November 1981)

Well No. Moccasin Trail Unit 13-30
Sec. 30, T. 15S, R. 25E
Uintah County, Utah
(May 1981- November 1981)



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 10, 1982

Coseka Resources USA Ltd.
718 17th Street, Suite 630
Denver, Colorado 80202

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Well No. Pine Springs Unit #8-20-14-22
Sec. 20, T. 14S, R. 22E.
Uintah County, Utah
SECOND NOTICE
(January 1982- February 1982)

Well No. Pine Springs 13-26-14-22
Sec. 26, T. 14S, R. 22E.
Uintah County, Utah
SECOND NOTICE
(December 1981- February 1982)

Well No. Trapp Springs Federal 6-13-14-23
Sec. 13, T. 14S, R. 23E.
Uintah County, Utah
SECOND NOTICE
(December 1981- February 1982)

Well No. Sweetwater Canyon Federal 6-13-14-24
Sec. 13, T. 14S, R. 24E.
Uintah County, Utah
SECOND NOTICE
(October 1981-February 1982)

Well No. Black Horse Canyon #14-15-15-24
Sec. 15, T. 15S, R. 24E.
Uintah County, Utah
SECOND NOTICE
(September 1981- February 1982)

Well No. Moccasin Trail Unit 13-30
Sec. 30, T. 15S, R. 25E.
Uintah County, Utah
SECOND NOTICE
(December 1981- February 1982)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-10276
2. NAME OF OPERATOR Coseka Resources (U.S.A.) Limited		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 200 Writer Sq., 1512 Larimer St., Denver, Colorado 80202-1602		7. UNIT AGREEMENT NAME Moccasin Trail
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2362' FSL, 606' FWL, Lot 3 Sec. 30, T15S-R25E		8. FARM OR LEASE NAME Federal
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8142 (ungraded)	9. WELL NO. 13-30-15-25
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 30, T15S-R25E
		12. COUNTY OR PARISH Uintah
		18. STATE Utah

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"/>	FULL 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) <u>Status Report</u> <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.) *

- Well spudded 10/25/79.
- Land 13 3/8", 48 lb/ft Csg @ 200'.
Cement w/200 sxs. Well suspended 11/7/79 - 5/29/80.
- MIRT 5/29/80.
- Drill to 4800'. Set 9 5/8, 40 lb/ft casing to 4804' K.B. Cement w/226 sxs.
RFC 10-1 followed w/100 sxs Class "G". (6/18/80)
- Drill to 8057' (TD) 8/25/80. Set 11.6 lb/ft, 4 1/2" Csg. @ 8056.
Cement w/175 sxs RFC. Weak cement bond. Preparing to recement
4 1/2" production casing. (9/10/80)
- Suspended operations - unable to squeeze: Change of operator. (9/9/80)
- 10/15/81 MICU. Squeeze cement Dakota Interval w/200 sxs Class "H".
- Perf Dakota w/Ten 0.32" Holes
7773, 78, 86, 90, 92, 94, 96, 98, 7800, 02.
Break down perfs w/N₂ and 7 1/2% HCL. 10/29/81.
- Foam Frac Dakota w/27,500 gals, 50,000lbs 20/30 sand.
Flowed back 2 hrs. 10/30/81.
- Swabbed well. Well started flowing.
- Well S.I. pending evaluation.

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

SIGNED Joyce Holtzclaw TITLE Engineer DATE 4/12/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL DATA

Operator: Pacific Transmission Supply Company

Legal Location: 2362' FSL, 606' FWL, Lot 3, Sec. 30, T15S, R25E

Well Name: #13-30 Federal, Moccasin Trail Unit

Country and State: Uintah County, Utah

Elevations: 8142' GR, 8156' KB

Dry Hole Digger Contractor: Olsen Rig #2

Date Commenced: Oct. 26, 1979

Drilling Contractor:

Date Commenced: June 5, 1980

Surface Casing: 13-3/8" to 200, 9-5/8" to 4804'.

Hole Size: 17-1/2" to 202, 12-1/4" to 4806, 7-7/8" to 8057'.

Fluids Contractor: Air drilled with D & R Air Drilling Company

Drill Stem Tests: None.

Logging Data: Dual Induction - SFL (GR/SP) 205' - 4788'
Borehole Compensated Sonic (GR) 205' - 4742'
Compensated Neutron Formation Density (GR/CPR) 208' - 4784'
Dual Induction - SFL (GR) 4794' - 8051'
Sidewall Neutron Porosity (GR/CPR) 4794' - 8055'
Mud Logging: Compensated Formation Density (GR/CPR) 4794' - 8055'
Rocky Mountain
Geo-Engineering
Grand Junction, CO

Cores: None

Total Depth: 8050' Driller
8057' Logger

Ceased Drilling: June 27, 1980

CHRONOLOGICAL WELL HISTORY

<u>Date</u>	<u>Drld to</u>	<u>Hrs Drlg</u>	<u>Activity</u>
10/24-26/79	0	0	Moving in D & R Air Drilling Company rig
10/27/79	40'	3	Drilled 12-1/4" pilot hole.
10/28/79	160'	16	Rig Repairs.
10/29/79	226'	12	Wait on welder.
10/30/79	256'		Rig Repairs (Wait on compressor).
11/02/79	256'		Rig Repairs (Wait on compressor).
11/03/79	375'	7	Drilling 12-1/4" pilot hole.
11/04/79	500'	14	Finish pilot, prepare to ream.
11/05/79			Finish reaming 17-1/2" hole to 202'.
11/06/80			Running 13-3/8" casing.
11/07/80			Well suspended for winter.
5/29-6/3/80			Move in Olsen Rig #2.
6/04/80			Drilling Cement.
6/05/80	1000'	15-3/4	Drilling with air mist, hit water.
6/06/80	1680'	19	Trip out to mud up.
6/07/80	1680'	0	Reaming tight hole.
6/08/80	2215'	21-3/4	Drilling 12-1/4" hole.
6/09/80	2720'	21-1/2	Drilling with 8.9# mud.
6/10/80	3054'	23	Drilling, rig repairs.
6/11/80	3425'	22-3/4	Drilling.
6/12/80	3824'	22-1/4	Drilling.
6/13/80	4000'	17-3/4	Trip for Bit #3, tight hole.
6/14/80	4209'	15-1/2	Ream 60' to bottom.
6/15/80	4454'	21-3/4	Work pipe in tight hole 1-1/4 hrs.
6/16/80	4647'	22	Drilling, repair pump.
6/17/80	4800'	14-1/2	Condition for logs, tight hole.
6/18/80			Logging.
6/19/80			Running 9-5/8" casing.
6/20/80	5018'	4-3/4	Nipple up BOP, blow dry hole.
6/21/80	5816'	17-1/2	Drilling with air, trip for stabilizer.
6/22/80	6032'	12-3/4	Drilling, surveys 7 - 9 deg.
6/23/80	6099'	4-1/2	Twisted off, fishing.
6/24/80	6690'	18-1/4	Resume drilling.
6/25/80	7500'	18-3/4	Trip for Bit #5.
6/26/80	7973'	14-1/2	Resume drilling, rig repair.
6/27/80	8056'	4	Logging.

BIT RECORD

<u>Bit #</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>In</u>	<u>Out</u>	<u>Ftg</u>	<u>Hours</u>
1	12-1/4	STC	F-4	512	1680	1168'	34-3/4
2	12-1/4	STC	F-3	1680	4000	2320'	129
3	12-1/4	SEC	S86F	3990	4800	810'	73-3/4
4	7-7/8	STC	F45	4806	7500	2694'	76-1/2
5	7-7/8	STC	F45	7500	8056	556'	18-1/2

DEVIATION

<u>Depth</u>	<u>Deviation</u>
1329'	3/4 deg.
1985'	1/4 deg.
2303'	3/4 deg.
2615'	1-1/4 deg.
2753'	1 deg.
3065'	3/4 deg.
3650'	3/4 deg.
3990'	1/2 deg.
4360'	3/4 deg.
5719'	7 deg.
5749'	7-1/4 deg.
5812'	7-3/4 deg.
5845'	8 deg.
5876'	7-3/4 deg.
5905'	8-3/4 deg.
5939'	8-1/2 deg.
5986'	8-3/4 deg.
6016'	9 deg.
6094'	9 deg.
6156'	8-1/4 deg.
6341'	.6 deg.
6455'	5-1/4 deg.
6580'	4-3/4 deg.
Change out survey instruments at 6580'.	
Some previous measurements may be erroneous.	
6814'	4-1/4 deg.
7056'	4-1/4 deg.
7360'	4-1/4 deg.

FORMATION TOPS

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Mesaverde (Farrer Facies)	1950'	+6206
(Neslen Coaly Facies)	2814'	+5342
Buck Tongue	3806'	+4350
Castlegate	3906'	+4250
Mancos	4200'	+3956
Mancos "B"	4862'	+3294
Dakota Silt	7696'	+ 460
Dakota Sand	7771'	+ 425
Morrison	7938'	+ 218

LOG ANALYSIS

<u>Depth</u>	<u>R_w</u>	<u>R_t</u>	<u>Ø_n</u>	<u>Ø_D</u>	<u>Porosity</u>	<u>W_{tr}</u>	<u>Remarks</u>
7768' - 7770'	0.1	30	6	8	8%	69%	Somewhat shaly
7770' - 7774'	0.1	35	4	10	10%	50%	X - over
7774' - 7780'	0.1	95	2	1	1%	100%	Tight
7782' - 7788'	0.1	55	4	9	9%	45%	X - over, possible gas.
7788' - 7792'	0.1	85	4	9	9%	36%	"
7792' - 7795'	0.1	80	4	8	8%	42%	"
7796' - 7800'	0.1	95	4	14	14%	21%	"
7800' - 7802'	0.1	80	5	11	11%	30%	"
7802' - 7804'	0.1	80	5	13	13%	25%	"
7850' - 7853'	0.1	19	7	6	6%	100+	
7881' - 7883'	0.1	13	6	6	6%	100+	
7892' - 7896'	0.1	3.5	13	12	12%	100+	Low res.
7898' - 7900'	0.1	8	12	16	16%	63%	
7900' - 7904'	0.1	13	5	11	11%	74%	Probable X-over hydrocarbon
7988' - 7992'	0.1	14	7	4	4%	100+	tight.
7992' - 7996'	0.1	14	5	6	6%	100+	"

Zones of 100+ Saturation due to tight, low porosity zones. An R_w less than that chosen will lower S_w values.

$$S_w = (FR_w/R_t)^{1/2}$$

$$F = .62/\phi^{2.15}$$

SAMPLE DESCRIPTIONS

<u>Depth</u>	<u>Descriptions</u>
500-600'	Siltstone: Light gray, hard to firm, slightly calcareous, occasionally mottled; also biege to cream, slightly dolomitic, brittle.
600-800'	Sandstone: Clear, frosted, unconsolidated, fine to very fine grained, angular, well sorted. Siltstone: Trace, light gray to dark gray, hard, slightly calcareous.
800-900'	Sandstone: Clear, frosted, white, unconsolidated, very fine grained, well sorted, angular. Limestone: Cream, brown, hard, microcrystalline, blocky. Siltstone: Light gray, hard to firm, slightly calcareous, occasionally mottled.
900-1000'	Limestone: Very oolitic, oolite conglomerate, microcrystalline, hard, blocky. Sandstone: Clear, angular, unconsolidated quartz grains, medium grained, well sorted. Siltstone: Medium gray, hard, noncalcareous, slightly micaceous, blocky.
1000-1110'	Shale: Light gray, cream, very calcareous, very silty, oolitic, occasionally oolite conglomerate, micaceous, pyritic. Sandstone: Trace, very fine grained, light gray, white, very calcareous, angular, well sorted. Limestone: Trace, light cream, light gray, brecciated, hard, microcrystalline to cryptocrystalline.
1110-1380'	Predominately Siltstone and Sandstone: Light gray to blue gray, bentonitic, very calcareous, very fine grained to silt sized, hard, very tight, clay filled, trace of varicolored shale, (possibly cavings). Limestone: Trace, cream, shaley, oolitic, hard.
1380-1560'	Sandstone & Siltstone: Light gray, salt and pepper, very calcareous, hard, tight, clay filled, angular, well sorted quartz grains. Limestone: Sandy, brecciated, medium gray.
1560-1680'	Shale: Light brown, gray, silty, hard, slightly calcareous.

1560-1680'

(Continued)

Limestone: Medium gray, hard, blocky, microcrystalline to cryptocrystalline.

Siltstone: Light gray, cream, sandy, hard, tight, clay filled, very calcareous, limey.

3800-3820'

Sandstone: 90%, Fine grained, friable, poorly sorted, trace carbonaceous material, white, clear, salt and pepper, non-calcareous, slightly calcareous, slightly clay filled.

Coal: Trace, black, vitreous, blocky.

Limestone: trace, light brown to gray, cryptocrystalline, hard, blocky.

Shale: 10%, gray to dark gray, hard, dense, blocky, silty, noncalcareous.

3830-3910'

Shale: 90%, Light gray to dark gray-brown, very silt, slightly calcareous, firm to soft.

Sandstone: 10%, Light gray, white, very poorly sorted, very fine grained to fine grained, friable, clay filled, silty, angular.

3910-3920'

Sandstone: 40%, Blue-gray, light gray, salt and pepper, very fine grained, soft to friable, angular quartz grains, calcareous, dirty-clay filled.

3920-4040'

Shale: Light gray, dark brown to gray, very silty, firm, noncalcareous, blocky; trace flaky, mottled, brown, beige, soft.

4060-4200'

Sandstone increasing: White, fine grained, well sorted, sub-rounded, friable, no fluorescence or cut.

Shale: Becoming varicolored, occasionally waxy, predominately light gray, dark gray-brown, silty to sandy, noncalcareous, firm.

4200-4310'

Shale: 10%, medium gray, silty, occasionally blue gray, hard, blocky, noncalcareous.

Sandstone: 90%, Very fine grained, light gray, white, salt and pepper, well sorted, well rounded, noncalcareous, occasionally interbedded with sandstone (Sandstone % decreasing steadily).

4310-4500'

Shale: 100%, Dark to medium gray, hard, silty, sandy, platy to blocky, noncalcareous, occasionally interbedded with sandstone.

- 4500-6600' Shale: Dark gray, silty, blocky, slightly calcareous, hard to firm.
- 6600-7500' Shale: Dark gray - brown, very silty, calcareous, hard, blocky.
- 7500-7765' Shale: Dark gray, silty, very calcareous, hard, blocky.
Sandstone: Clear, angular, well sorted, medium grained quartz grains.
Also: white rounded frosted quartz grains.
Also: smokey-clear euhedral quartz crystals.
- 7952-8050' Shale: 100%, Predominately red-orange, also brown, gray, green, soft (when wet), flaky, calcareous.



COSEKA RESOURCES (U.S.A.) LIMITED

200 WRITER SQUARE, 1512 LARIMER STREET, DENVER, COLORADO 80202-1602 (303) 573-6178

April 20, 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

RECEIVED
APR 22 1982

Re: Moccasin Trail #13-30-15-25 Uintah County, Utah
DIVISION OF OIL, GAS & MINING

Gentlemen:

Enclosed please find, in triplicate, our Sundry Notice dated April 12, 1982 for the above referenced well. Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 19, 1982

Coseka Resources, Inc.
200 Writer Square
1512 Larimer Street
Denver, Colorado 80202-1602

Re: Well No. Trapp Springs #6-13-14-23
Sec. 13, T. 14S, R. 23E.
Uintah County, Utah

Well No. Sweetwater Canyon #2
Sec. 12, T. 14S, R. 24E.
Uintah County, Utah

Well No. Moccasin Trail #13-30
Sec. 30, T. 15S, R. 25E.
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

CF/cf
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.

U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Moccasin Trail

8. FARM OR LEASE NAME

Federal

9. WELL NO.

13-30

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NW $\frac{1}{4}$ SW $\frac{1}{4}$ Lot 3,
Section 30, T15S, R25E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
COSEKA RESOURCES (USA) LIMITED

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2362' FSL, 606 FWL, Lot 3, Section 30, T15S, R25E

At top prod. interval reported below

At total depth Same

NW/SW

14. PERMIT NO. DATE ISSUED
43-047-30620 9/6/79

15. DATE SPUDDED 10/25/79 16. DATE T.D. REACHED 6/27/80 17. DATE COMPL. (Ready to prod.) 12/16/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8056' 21. PLUG, BACK T.D., MD & TVD 8002' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Dakota 7773'-7802' No

26. TYPE ELECTRIC AND OTHER LOGS RUN ~~CND-DID-BHC-GR-FDC~~ mud 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	200'	17 1/2"	200 sx	
9 5/8"	40# & 36#	4804'		226 sx RFC 10-1, 100-sx G	
4 1/2"	11.6#	8056'		175 sx RFC	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7837'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	HOLES	PERFORATION	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7634' - 7328'	2 holes	7730' - 7994'	7634' - 7730'	Squeeze perms w/200sx Class "H"
			7328'	Squeeze perms w/100sx Class "H"
7773' - 7802'	0.32" 10 holes		7773' - 7802'	500 gal 7 1/2% HCl
			7773' - 7802'	27,500 foam, 50,000# 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
SI	flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/16/81	18	1/8"	→	0	17.5	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
40	190	→	0	23.3	0		

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) TEST WITNESSED BY
Vented Glen Keel

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Terry J. Keel TITLE Area Production Engineer DATE 1-28-83

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPI
(Other Instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-10276 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME
Moccasin Trail

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-30

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Section 30, T15S, R25E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
COSEKA RESOURCES (USA) LIMITED

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface 2362' FSL, 606' FWL: Lot 3, Section 30, T15S, R25E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8142'

12. COUNTY OR PARISH Uintah 13. STATE Utah

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"/>	FULL 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 checked="" 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"/>	

(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.)

Well Data:

Surface: 13 3/8" set @ 200', cmt'd w/299 sx.
Intermediate: 9 5/8" set @ 4804', cmt'd w/326 sx.
Production: 4 1/2" set @ 8056', cmt'd w/175 sx.
Dakota Perfs: 7773' - 7802'

Proposed Procedure

1. Spot cement plug 7884' to 7673'. Pressure test plug.
2. Load hole with 9 ppg fluid.
3. Spot cement plug 4854' to 4754' across 9 5/8" casing shoe.
4. Spot cement plug 250' to 150' across 13 3/8" casing shoe.
5. Set cement plug 50' to surface.
6. Cut off well head. Erect dry hole marker.
7. Re-hab location.

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

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

SIGNED Terry J. Cox TITLE District Superintendent DATE 2/13/84
Terry J. Cox

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

AMENDED COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other Instructions on Reverse Side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
Moccasin Trail

2. NAME OF OPERATOR
~~Pacific Transmission Supply Company~~ *Coseba verified by Barla at NBC*

8. FARM OR LEASE NAME
Federal

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

9. WELL NO.
13-30

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR PLQ. AND SURVEY OR AREA

Section 30, T.15S., R.25E.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8142' GR

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Request Temporary Surface Pit <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

18. I hereby certify that the foregoing is true and correct
SIGNED William A. Ryan TITLE Petroleum Engineer DATE November 15, 1984
William A. Ryan for PTS

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-10276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME
Moccasin Trail

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-30

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 30, T.15S., R.25E.

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2362' FSL 606' FWL NW Sw
Section 30, T.15S., R.25E.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8142' GR

12. COUNTY OR PARISH 13. STATE
Utah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) Request Temporary Surface Pit

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan
William A. Ryan

TITLE Petroleum Engineer

DATE November 15, 1984

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 12/28/84

*See Instructions on Reverse Side
BY: William A. Ryan

Federal approval of this action is required before commencing operations.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 15, 1985

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Moccasin Trail Unit 13-30 - Sec. 30, T. 15S., R. 25E.
Uintah County, Utah - API #43-047-30620

According to a Sundry Notice received by this office, the above referred to well is now operated by your company. We have not received the proper notification concerning this change.

If you have assumed operations, please submit a "Sundry Notice", Form OGC-1b, for this well with the name, address and phone number of the new operator and the date the change became effective. We have enclosed forms for your convenience.

Please submit this forms as soon as possible but not later than February 15, 1985.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones
Well Records Specialist

Enclosures

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0009S/35

Natural Gas
Corporation of
California

NGC
JAN 21 1985

January 17, 1985

Division of
OIL, GAS & MINING

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

Attn: Claudia Jones, Well Records Specialist

SUBJECT: Moccasin Trail Unit 13-30
Section 30, T15S, R25E

Sand Ridge Unit 23-17
Section 17, T8S, R23E

Sand Ridge Unit 23-11
Section 11, T9S, R23E

Attached is Form OGC-1b, Sundry Notices and Reports on Wells, notifying you of the change of operator on the Sand Ridge 23-17 well from Pacific Transmission Supply Company to Natural Gas Corporation of California. This change has been in effect for quite some time, sorry it was overlooked to sent out official notification.

The Sand Ridge Unit 23-11 and the Moccasin Trail 13-30 are still operated by Pacific Transmission Supply Company. Attached are amended copies of the Sundries submitted under the wrong operator name for these two wells. Any questions should be directed to this address.

Very truly yours,

Kathy Knutson

Kathy Knutson
Technical Assistant

/kk
attachments

cc: Files



COSEKA RESOURCES (U.S.A.) LIMITED

200 WRITER SQUARE, 1512 LARIMER STREET, DENVER, COLORADO 80202-1602 (303) 573-6178

February 12, 1986

RECEIVED
FEB 18 1986

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

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Norm Stout

Regarding: Moccasin ^{Trail} ~~Tract~~ #13-30-15-25
Section 30-T15S-R25E
Uintah County, Utah
Lease No. U-10276

Dear Mr. Stout,

Enclosed please find three copies of the approved Sundry Notice for the plugging of the above subject well. Hopefully, this will clear up your records.

Very truly yours,

Terry J. Cox
District Superintendent

TJC:kma

Enclosures

JOSEKA RESOURCES (USA) LTD.
 MOCCASIN TRAIL UNIT # 13-30-15S-25E
 2362' FSL 606' FWL LOT 3 T15S R25E
 UTAH COUNTY, UTAH

Elev. GRD. 8142'

13 3/8"
 17 1/4" HOLE
 CMTD 200SL
 200'

9 5/8"
 36# - 40#
 CMTD 326SL

4804

4 1/2"
 11.6# N-80
 CMTD. 175SL

PBD 7884'
 T.D. 8056'

DAKOTA PERFS
 7773' - 7802'
 10 HOLES

- NOT DRAWN TO SCALE -



UTAH NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

RECEIVED
OCT 08 1986

• COSEKA RESOURCES USA LTD
200 WRTR SQ 1512 LARIMER
DENVER CO 80202 1602
ATTN: TERI TABOR

Utah Account No. N0280

Report Period (Month/Year) 8 / 86

Amended Report

DIVISION OF
OIL, GAS & MINING

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FED 12-18-14-22 4304731348 08068 14S 22E 18	WSTC	0	0	0	0
FED 16-19-14-22 4304731368 08069 14S 22E 19	MVRD	0	0	0	0
BLACK HORSE #2 4304730248 08070 15S 24E 29	MNCS	0	SI		
BLACK HORSE 14-15-15-24 4304731045 08070 15S 24E 15	MNCSB		SI		
BLACK HORSE 12-8-15-24 4304731104 08070 15S 24E 8	MNCSB		SI		
FEDERAL 5-13-15-21 4304731137 08071 15S 21E 13	DK-MR		SI		
FEDERAL 6-14-15-21 4304731027 08072 15S 21E 14	DKTA		SI		
FEDERAL 7-15-15-21 4304731071 08073 15S 21E 15	DK-MR		SI		
STATE 11-2-15-22 4304730746 08074 15S 22E 2	MNCS		SI		
INDUCASTN TRAIL 13-30 4304730620 08075 15S 25E 30	DKTA				
STATE 8-2-15-22 4304731135 08076 15S 22E 2	MNCS		SI		
FEDERAL 2-18-15-22 4304731091 08077 15S 22E 18	MNCS		SI		
FEDERAL #11-30-16-24 4301930925 08078 16S 24E 30	DKTA		SI		
TOTAL			0	0	0

Micro
10-16-86
Plz. note that subsequent notice of PxA has been submitted. The well can be removed from TAD.
JRB

Comments (attach separate sheet if necessary) CC: JRB, RJF

FYE - DTS 10-14-86

I have reviewed this report and certify the information to be accurate and complete.

Date 10/4/86

David Johnson
Authorized signature

Telephone (303) 573-6178



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Oil, Gas & Mining

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MOCCASIN TRAIL 13-30 4304730620 08075 15S 25E 30	DKTA		PSA		
STATE 8-2-15-22 4304731135 08076 15S 22E 2	MNCS		SI		
FEDERAL 2-18-15-22 4304731091 08077 15S 22E 18	MNCS	SI			
FEDERAL #11-30-16-24 4301930925 08078 16S 24E 30	DKTA	SI			
TOTAL			0	0	0

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Date 10/4/86

David Johnson
Authorized signature

Telephone (303) 573-6178

Jerry Coy (Mr.)
Grand Junction
1-303-245-6220