TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: February 11, 1980

LEASE: Brown USA

WELL NO.: 35-3

LOCATION: (PROPOSED)
855.5' FNL, 2536.5' FWL
Sec. 35, T 16 S, R 24 E
Grand County, Utah

FIELD:

ELEVATION: 6180' Est. G.L.

TOTAL DEPTH: 5950'

PROJECTED HORIZON: Morrison

SUBMITTED BY: John W. Owen DATE: 2/11/80

APPROVED BY: [illegible] DATE: 2/12/80

JWO/ms

CC: Administrative (D.T. - 1)
DSB Well File
Field File

ESTIMATED FORMATION TOPS

Mesa Verde	Surface	
Mancos	1410'	
Castlegate	1660'	(Water and/or Gas)
Frontier	4925'	
Dakota Silt	5180'	
Dakota	5285'	(Gas)
Morrison	5395'	(Water and/or Gas)
Salt Wash	5835'	(Gas and/or Water)
Entrada	N/A	
T.D.	5950'	

1. No abnormal pressure, temperature, or H_2S is anticipated in this well.
2. Reserve pit shall be fenced on three sides during drilling operations.

DRILLING, CASING, AND CEMENT PROGRAM

1. MIRURT.
2. Set 1-3 joints of 9 5/8" casing as needed to be sued as conductor pipe.
3. Install casing head and nipple up rotating head and blooie line.
4. Drill 8 3/4" hole to ± 1850', or through the Castlegate Formation.
5. Run 7", 23#, K-55, ST&C surface casing to T.D. Cement with sufficient volume to circulate cement to the surface.
6. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
7. TIH and displace water in casing with air. Drill out shoe and dry up hole.
8. Drill 6 1/4" hole to T.D.
9. Log well as per G. E. Department recommendations.
10. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

CONDUCTOR:	30' to 125' as needed. 9 5/8", 36#, K-55, ST&C.
SURFACE:	± 1850', 7", 23#, K-55, ST&C.
PRODUCTION:	5950', 4 1/2", 10.5#, K-55, ST&C.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form Approved.
Budget Bureau No. 42 R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

new

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U 10152

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: BROWN

9. WELL NO.: 35-3

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 35, T.16S, R.24E

12. COUNTY OR PARISH: Grand

13. STATE: Utah

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR: 720 South Colorado Blvd., Denver, Co. 80222

303-758-7130

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~855.5~~ 856 FNL ~~2536.5~~ 2437 FWL

At proposed prod. zone:

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 16 miles Northwest of Westwater

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 960

16. NO. OF ACRES IN LEASE: 960

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

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

19. PROPOSED DEPTH: 5950

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6184 GR

22. APPROX. DATE WORK WILL START*: July/Aug. '80

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23#	+ 1850	circulate to surface
6 1/4"	4 1/2" new	10'5#	+ 5950	cover all possible productive zones

Set 1-3 joints 9 5/8' casing as conductor pipe

See attached

RECEIVED
SEP 11 1980
OIL

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 M. J. Pearman TITLE Staff Production Analyst DATE 4/24/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY W P Martin TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE SEP 09 1980

CONDITIONS OF APPROVAL, IF ANY:

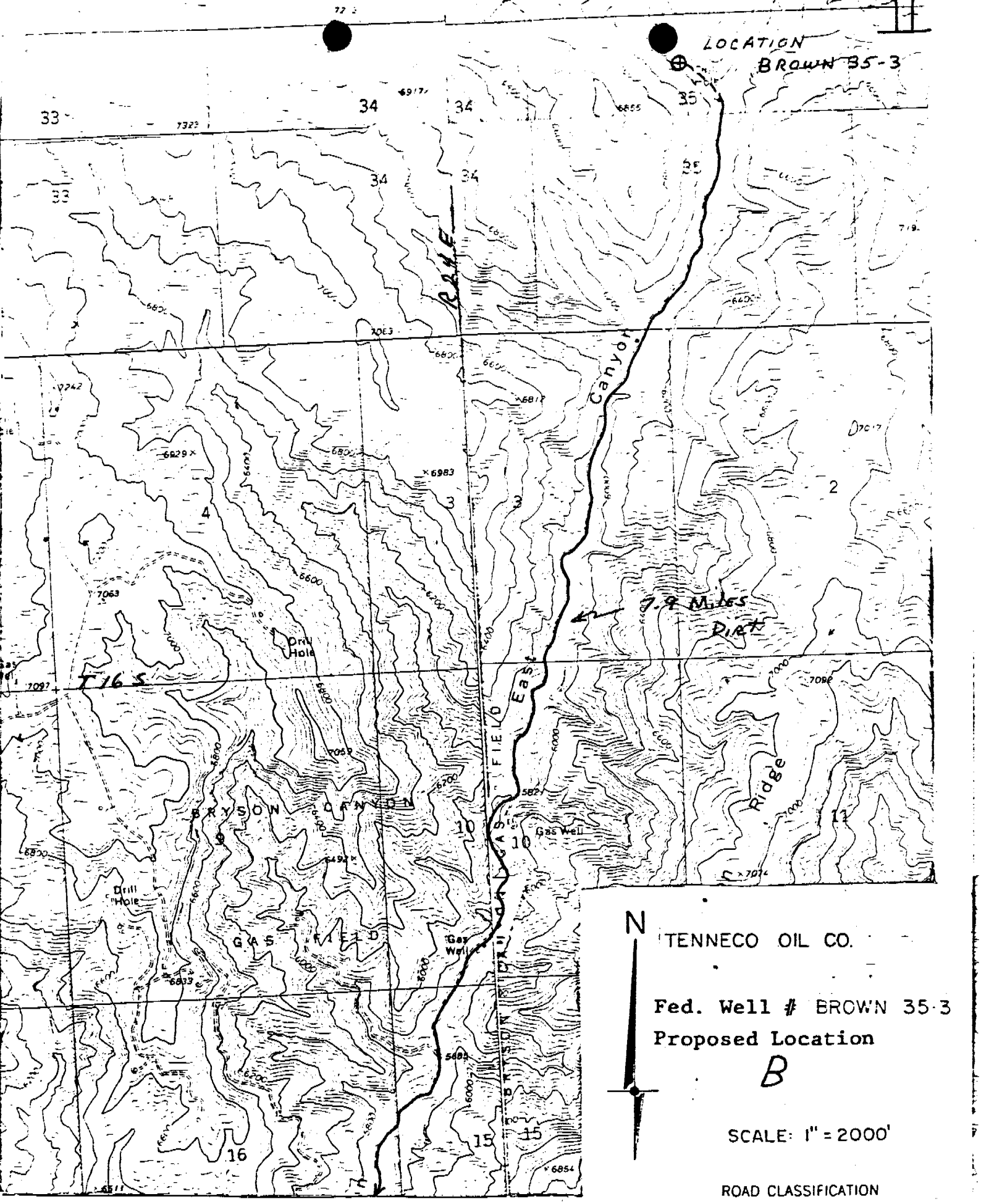
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Utah State Oil & Gas


LOCATION
BROWN 35-3
33
34
35
R24E
Canyon
7.9 Miles
Dirt
T16S
Drill Hole
BRYSON CANYON
GAS FIELD
Gas Well
Ridge
N
TENNECO OIL CO.
Fed. Well # BROWN 35-3
Proposed Location
B
SCALE: 1" = 2000'
ROAD CLASSIFICATION
Light-duty.
Unimproved dirt
27 miles To Mack CO.

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, [redacted], SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U 10152

OPERATOR: TENNECO OIL CO. WELL NO. 35-3

LOCATION: SE ¼ NE ¼ NW ¼ sec. 35, T. 16 S, R. 24 E, SLM

GRAND County, UTAH

1. Stratigraphy:

MESAVERDE GP	
PRICE RIVER FM (PRF)	
FARRER MEMBER	0
NESLEN MEMBER	860'
SEGO SS	1160'
BUCK TONGUE	1410'
CASTLEGATE SS	1660'
FRONTIER FM	4925'
DAKOTA SILT	5180'
DAKOTA SS	5285'
MORRISON FM	5395'
SALT WASH MEMBER	5835
ENTRADA SS	N/A
TD	5950'

2. Fresh Water: FRESH OR USEABLE WATER MAY OCCUR IN THE SANDS OF THE FARRER MEMBER (PRF), THE NESLEN MEMBER (PRF). THE SEGO SS IS A LIKELY AQUIFER OF FRESH WATER. THE CASTLEGATE SS MAY CONTAIN SOME FRESH WATER.

3. Leasable Minerals:

GAS IS LIKELY TO OCCUR IN THE DAKOTA SS AND IN THE MORRISON FM, INCLUDING THE SALT WASH MEMBER. GAS MAY OCCUR IN THE CASTLEGATE SS.

COMMERCIAL COAL MAY OCCUR WITHIN THE NESLEN MEMBER OF THE PRICE RIVER FM, ALTHOUGH 8 MILES EAST, THE COALS ARE THIN AND NON-COMMERCIAL.

4. Additional Logs Needed:

LOGGING TO IDENTIFY AND PROTECT POSSIBLE COAL BEDS SHOULD BE USED.

5. Potential Geologic Hazards:

NONE ANTICIPATED.

6. References and Remarks: UGMS COAL MONOGRAPH #2. DOELLING.

PI FILES

Signature: Kenneth J Salt Date: 6 - MAY - 1980

Oil and Gas Drilling

EA No. 403-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: June 20, 1980

Operator: Tenneco Oil

Project or Well Name and No.: 35-3

Location: 855.5' FNL, 2436.5' FWL

Sec.: 35 T.: 16 S R.: 24 E

County: Grand

State: Utah

Field/Unit: Wildcat

Lease No.: U-10152

Permit No.:

Joint Field Inspection date: May 29, 1980

Prepared by: Craig Hansen

Field Inspection Participants, Titles and Organizations:

Craig Hansen	USGS-Vernal, UT
Elmer Ducan	BLM-Moab, UT
Lee Freeman	Tenneco Oil
Bill Buniger	Dirt Contractor

Related Environmental Documents:

N/A

Drill pad 165' x 310'
Reserve pit 25' x 150'
New access road 20' x 1 mile
1.5 acres disturbed area
Conditions of approval p. 7 (1-4)
Administratively complete ?

DESCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Colorado
County: Rio Blanco

855.5', F N L, 2436.5' F W L, NE ¼ NW ¼

Section 35, T. 16 S., R. 24 E.

2. Surface Ownership Location: Public
Access Road: Public

Status of Reclamation Agreements: Not applicable.

3. Dates APD Filed April 28, 1980
APD Technically Complete: May 5, 1980
APD Administratively Complete: May 14, 1980

4. Project Time Frame Starting Date: Upon approval
Duration of drilling activities: 12 days

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other Federal or State agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 165' wide x 310' long and a reserve pit 25' x 150' would be constructed. Approximately 1 mile of new access road, averaging 20' in width, would be constructed from a maintained road. 1.5 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'.

2. Drilling

3. Waste disposal

4. Traffic

5. Water requirements

6. Completion

7. Production

8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved to stay within State spacing regulations.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - The location is in a steep east-west-trending canyon with steep weathered ridges to the north and south of the location. A small nonperennial wash exists to the north and west of the location.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Commercial coal may occur within the Nelson Member of the Price River Formation.

Information Source: Mineral Evaluation Report

2. Hazards:

a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Field observation.

b. Subsidence: Withdrawal of fluids could cause subsidence; however, the composition of the producing zones will reduce this hazard, there, none is anticipated.

Information Source: "Environmental Geology", E. A. Keller
Physical Geology, Leet and Judson

c. Seismicity: The area is considered a minor risk; no preventive measures or plans have been presented by the operator.

Information Source: Geologic Atlas of the Rocky Mountain Region

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch. Although slight overpressuring may be expected in the upper Wasatch Formation.

Information Source: APD Mineral Evaluation Report.

B. Soils

1. Soil Character: Is a deep mildly to strongly alkaline soils. The surface layers are pale-brown and light-gray loams, silty clay loams, and clays. Sand and gravels are intermixed with clays and silts in fluvial washes.

Information Source: Soils of Utah, Wilson; field observation.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A and B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B. Leopold, M., Gordon Wolman, and John P. Miller, 1964.
"Soils of Utah", Wilson.

C. Air Quality - The area is in a class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah

D. Noise Levels - 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.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains east by a small wash to East Canyon Creek.

Information Source:

b. Groundwaters: None anticipated in drilling program.

Information Source: Field observation, APD.

2. Water Quality

a. Surface Waters: No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field observation.

b. Groundwaters: Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination, and commingling of formations via the well bore would be prevented by an adequate response drilling fluid program. The depths of fresh-water formations are listed in the 10-point Subsurface Protection Plan.

Information Source: 10-Point Plan

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from BLM in Moab, on August 1, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Pinon, juniper, ponderosa pine, white pine, blue sagebrush, greasewood exist on the location.

Information Source: Field observation

3. Fauna: Deer, antelope, small rodents, birds and reptiles, foxes, coyotes, and domestic livestock exist on or near the location.

Information Source: Field observation

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, field observation, SMA representative.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field obeservation.

3. Roadless/Wilderness Area: N/A

Information Source: Field observation

H. Aesthetics: The operation does not blend in with natural surroundings and could present a visual impact to recreationists. Drilling would be temporary and last about 2 weeks. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field observation.

I. Socioeconomics: The effects of one well on local and regional population and economy would be negligible. However, should this well result in a major discovery, an increase in economic activity would be expected. No direct impact to populations would be anticipated as most services would be provided from Grand Junction, Colorado. Present transportation routes would need to be expanded. Pipeline routes, presently absent in the area, would be necessary to further develop the area.

Information Source: Field observation.

J. Cultural Resources Determination: Based on formal comments received from the BLM in Moab, Utah, on August 1, 1980, we determine that there would be no effect on cultural resources subject to recommended stipulations by BLM and USGS.

Information Source:

K. Other: N/A

L. Adequacy of Restoration Plans: Meet the minimum requirements of NTL-6. The erodibility of area soils could hamper restoration which should commence immediately after drilling or completion. Restoration to pre-drilling conditions could be difficult. The area's short growing season and limited precipitation govern restoration success.

Information Source: APD; Cody M. Hansen, Environmental Scientist; field observations.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under Federal and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

   a. About 1.5 acres of vegetation would be removed, increasing and accelerating erosion potential.

   b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

   c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

   d. The potential for fires, leaks, spills of gas and oil or water exists.

   e. During construction and drilling phases of the operation, noise and dust levels would increase.

   f. Distractions from aesthetics during the lifetime of the project would exist.

   g. Erosion from the site would eventually be carried as sediment in the East Canyon. The potential for pollution to East Canyon would exist through leaks and spills.

   h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional approval

   a. All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

~~1. See attached Lease Stipulations.~~

2. See attached BLM Stipulations.

3. Riprap west end of location, divert wash around north of location.

4. Vegetation will be removed around flare pit to reduce fire hazard.

Controversial Issues and Conservation Division Response: No controversial issues were found by the writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

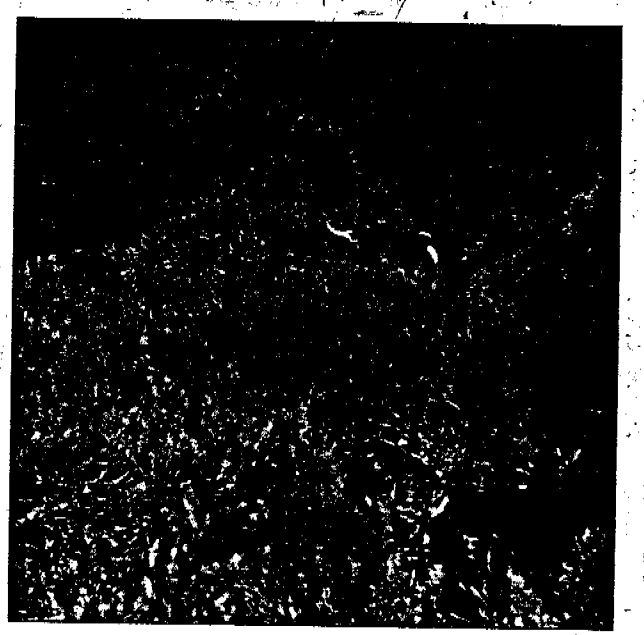
Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).

W P Martes FOR E. W. GUYNN DISTRICT ENGINEER SEP 0 2 1980

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

Date



Tenneco
35-3
South

United States Department of the Interior

IN REPLY REFER TO
3100
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

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U.S. GEOLOGICAL SURVEY

July 30, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division,
P.O. Box 1037 Vernal,Utah 84078
From Area Manager, Grand

Subject: Tenneco Oil Company
Brown 35-3, Lease # 10152
NENW Section 35, T.16S., R.24E. SLB&M
Grand County, Utah

On May 29, 1980, a representative from this office met with Cody Hansen, USGS, and Lee Freeman agent of the Tenneco Oil Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Tenneco Oil company.

C. Delano Backus

Enclosures: (2)
1-Reclamation Procedures
2-Seed Mixture

CONSERVE AMERICA'S ENERGY

Save Energy and You Serve America!

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

1 Contact this office at least 24 hours prior to beginning construction of access road and pad.

2 Stockpile the surface 6" of topsoil in a wind-row on the Northwest quadrant of the location.

3 The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

4 Notify the BLM District Archaeologist if cultural material from subsurface deposits is exposed during the operation.

5 The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

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6 The "blooey" line will be centered and directed into the pit.

7 If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS and USFS publication).

8 If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

9 Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

10 Production facilities and pipeline route are approved on this location under lease rights.

11 As agreed on at the pre-drill field exam.

New access road

12 New road construction will be from the existing road in East Canyon to the drill pad. The road will be along the south side of a drainage that runs Northwest in the N½N½ Section 35 T.16S., R.24E. The road will be constructed out of the canyon, along a big sagebrush sidehill. Low water crossings will be installed in each draw where needed. The Northwest pipeline that the new road crosses will be protected with at least 2 feet of dirt covering the line.

Drill Pad

13 The well ~~will be~~ was moved 100 feet west to accomodate lease spacing. The creek will be re-routed further south along the Northwest side of the location. Along the North side of the location,the creek will be routed further North to its original location. The portion of location bordering the creek will be rip-rapped using rock from the location, to protect the pad. Trees removed from the pad will be piled at the Northwest quadrant and beyond the topsoil. All debris will be cleared from around the flare pit to reduce the fire hazard. The reserve pit will be fenced with 5 strands of barbed wire.

14 Tenneco Oil Company will be responsible for prevention and suppression of all uncontrolled fires that may occur as a result of this project. They will be billed for any fire suppression and rehablilitation with reference to fires.

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RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.

   a. Overlap passes in order to insure complete treatment.

2. Contour pads and access roads.

   a. Lay berms into centers.

   b. Use cut material for fill areas.

   c. Lay stockpiled surface soil over top of pads and spread evenly.

   d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.

   e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.

3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

   * Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.

4. Seed roads and pads in the fall (Oct. through mid-Dec.).

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SEED MIXTURE

GRASSES		POUNDS PER ACRE
Oryzopsis hymenoides	(Indian Rice grass)	1
Elymus Salinus	(Wildrye)	1
Stipa comata	(Needle and Thread grass)	1
SHRUBS		
Artemisia tridentata	(Big Sage)	1
Cercocarpus montanus	(Mahogany)	1
		5

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U.S. GEOLOGICAL SURVEY

Glenn

35 S-24E
#35-3

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. _____

1. The location appears potentially valuable for:

   [ ] strip mining*

   [x] underground mining** Coal

   [ ] has no known potential.

2. The proposed area is

   [ ] under a Federal lease for _____ under the jurisdiction of this office.

   [x] not under a Federal lease under the jurisdiction of this office.

   [x] Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen L. Vance

10 MAY RECD

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U 10152

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: BROWN

9. WELL NO.: 35-3

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 35, T.16S, R.24E

1a. TYPE OF WORK: DRILL [x] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR: 720 South Colorado Blvd., Denver, Co. 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 856.5 FNL (2437.5 FWL) NE NW
At proposed prod. zone:

12. COUNTY OR PARISH: Grand

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 16 miles Northwest of Westwater

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 960

16. NO. OF ACRES IN LEASE: 960

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

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

19. PROPOSED DEPTH: 5950 Morrison

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6184 GR

22. APPROX. DATE WORK WILL START*: July/Aug. '80

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23#	± 1850	circulate to surface
6 1/4"	4 1/2" new	10.5#	± 5950	cover all possible productive zones

Set 1-3 joints 9 5/8' casing as conductor pipe

See attached

RECEIVED
SEP 15 1980
DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 1-30-81
BY: M. J. Minder

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.

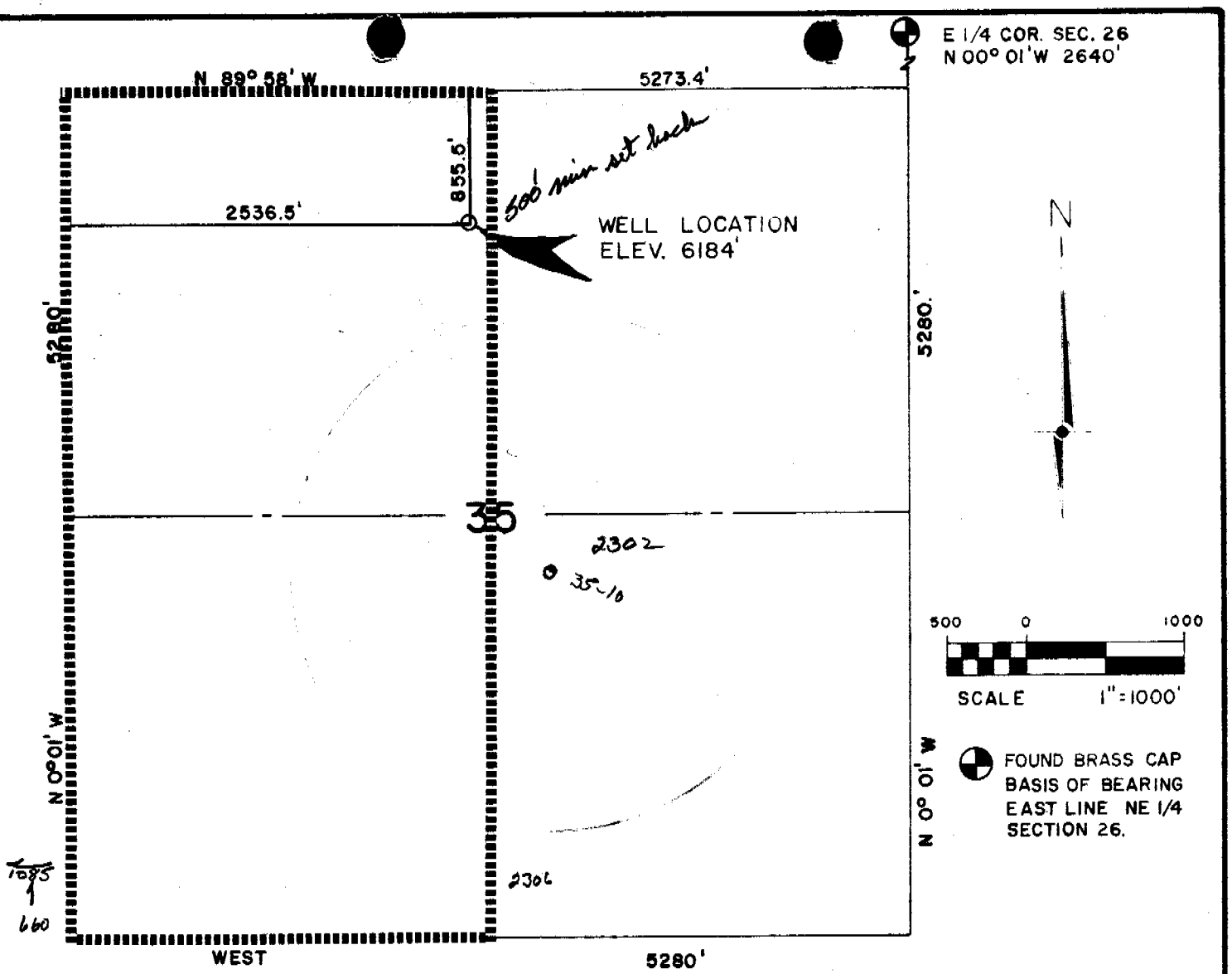
24.
SIGNED: [signature] TITLE: Staff Production Analyst DATE: 4/24/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side



WELL LOCATION

2536.5 FT. E.W.L. — 855.5 FT. S.N.L.
SECTION 35, T.16S., R.24E., SLB&M.
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

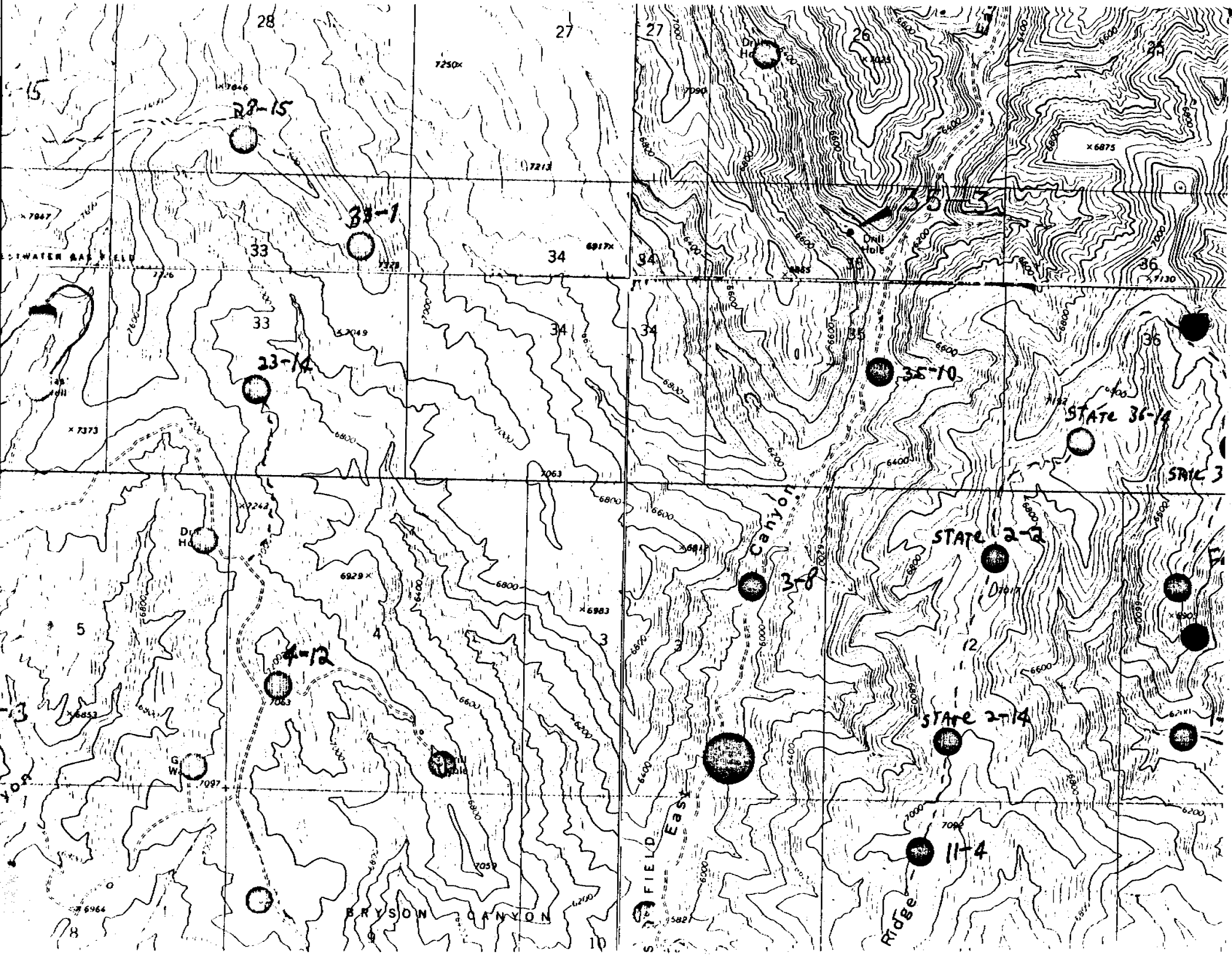
I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

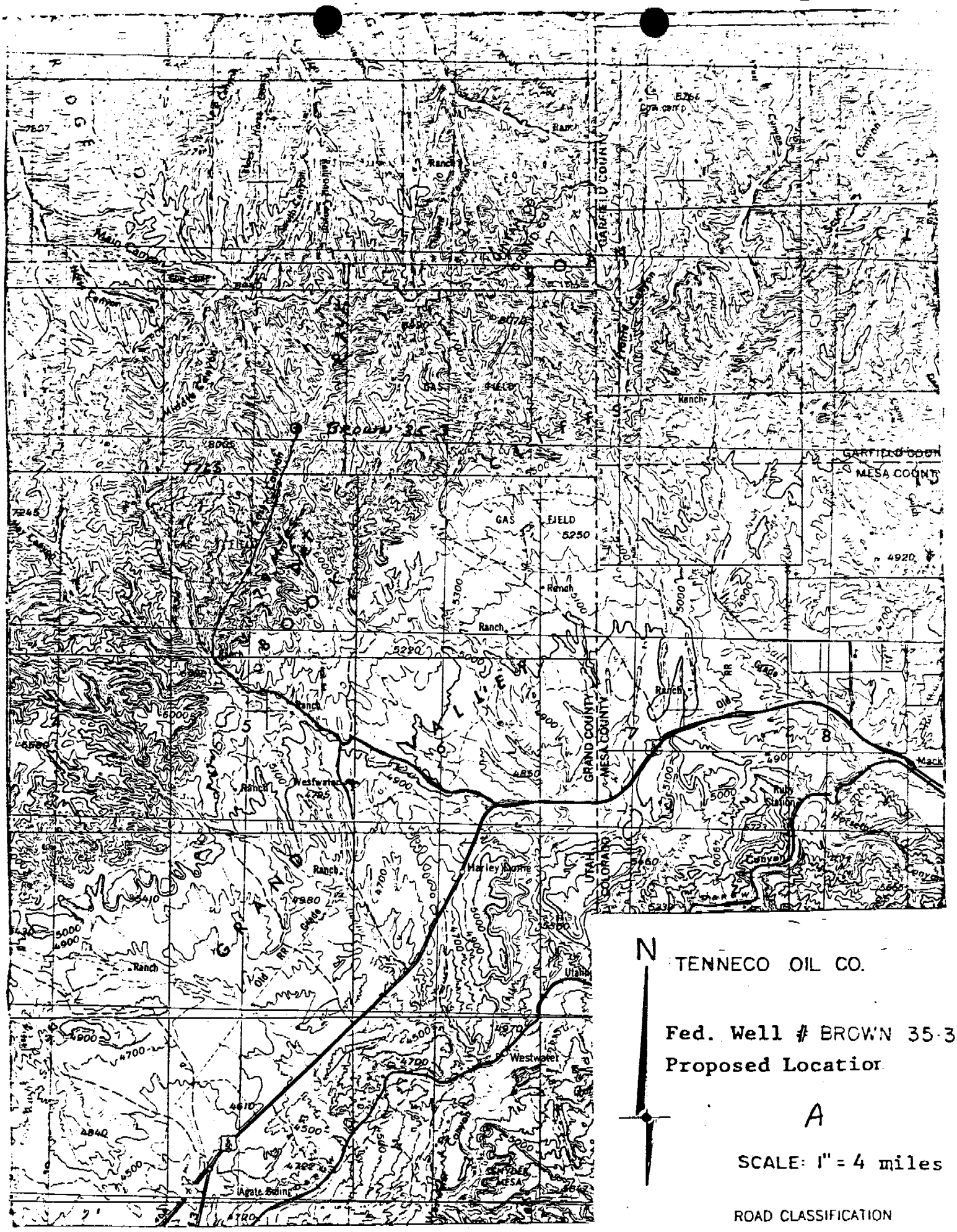
Edward A. Armstrong

EDWARD A. ARMSTRONG P.E. & L.S. 4464

ARMSTRONG ENGINEERS
ENGINEERING-SURVEYING
CONCRETE & SOILS TESTING

SCALE 1" = 1000'	TENNECO OIL CO.
DATE 3/20/80	BROWN 35-3
DRAWN BY J.M.T.	
CHECKED BY J.R.S.	SHEET 1 of 5
DATE OF SURVEY 2/26/80	JOB NUMBER 802739


28-15
33-1
23-14
35-10
STATE 36-14
STATE 2-2
3-8
4-12
STATE 2-14
11-4
Drill Hole
Canyon
Ridge
BRYSON CANYON
FIELD
East



TENNECO OIL CO.

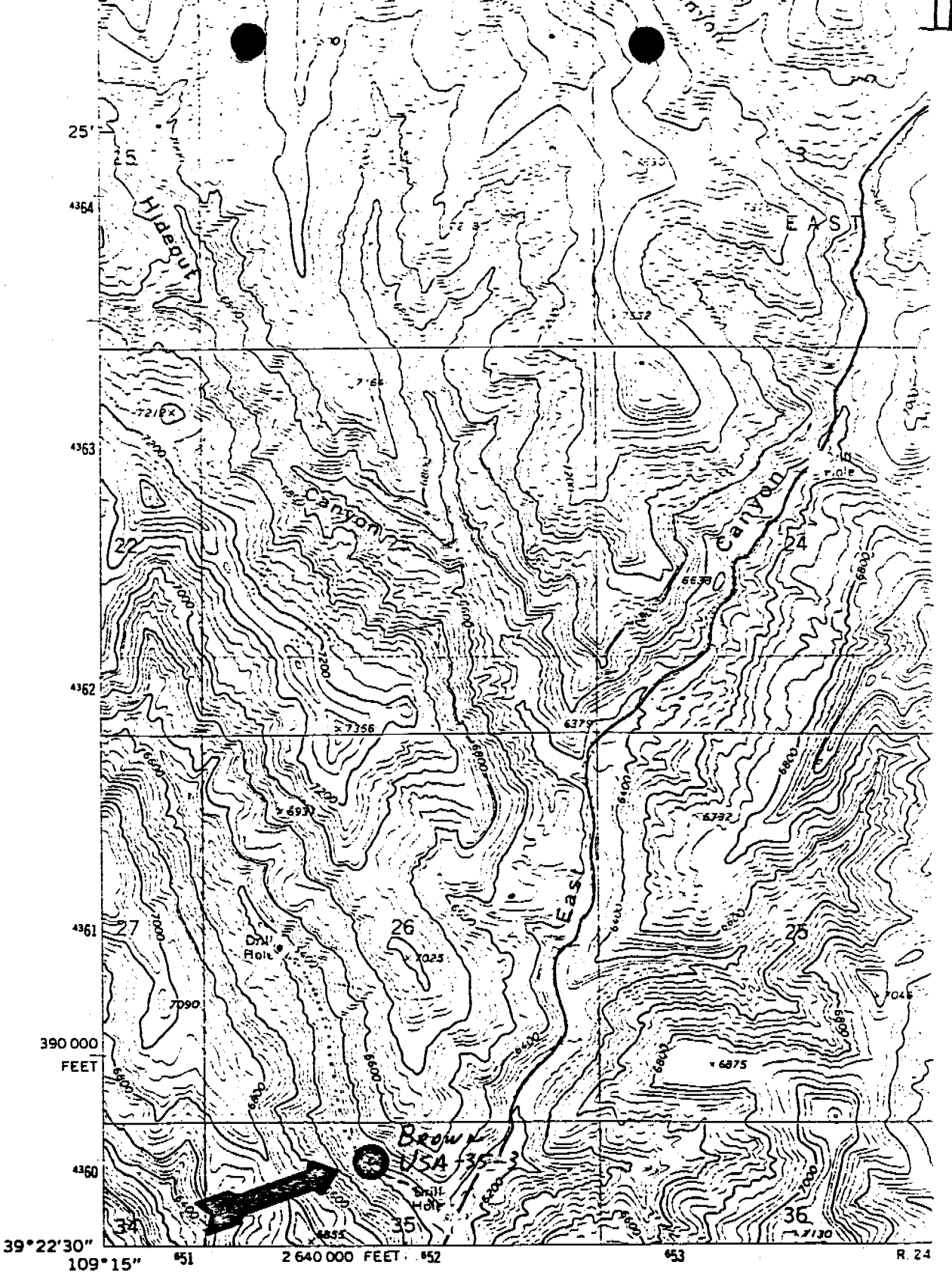
Fed. Well # BROWN 35-3
Proposed Location

A

SCALE: 1" = 4 miles

ROAD CLASSIFICATION

Light-duty _____ Unimproved dirt - - - - -



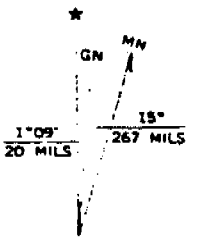
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1970

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

(DRY CANYON)
4162 IV SE



UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MUD PROGRAM

1. Anticipate drilling entire hole with air.
2. In the event liquids are encountered, mist drilling will be attempted.
3. Should mist drilling be unsuccessful, the hole will have to be mudded up.
4. Also, if gas is encountered in sufficient volume to compromise the safety of the operations, mudding up will be required.
5. If mudding up is necessary, the following guidelines should be followed:

   (1) Weight $\pm$ 9.0 ppg.
   (2) Vis. as needed to clean hole.
   (3) W.L. 10 cc or less.

EVALUATION

Cores and DST's: No cores or DST's are anticipated.

Deviation Surveys:

0-1850'	2°)	Surveys to be run every 500' or on trips, whichever comes first. Surveys will be reported on the IADC Drilling Report Sheet.
1850'-T.D.	6°)	

Maximum allowable deviations:

(1) 1° per 100' interval.
(2) 2° at 1850'.
(3) 6° at T.D.

Samples: None.

Logs:				
	SNP/GR)	Air Drilled	FDC/CNL)	Mud Drilled
	FDC/GR)		DIL/LL8 w/sp)	
	DIL)			

BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air/mist holes.
3. Preventers must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

740 4800

1. 303-758-7130 (Office) Don Barnes
   303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)
   303-936-0704 (Home) Don Barnes, weekends and holidays.

2. George Ramsey (Home) 303-771-5154.

3. John Owen (Home) 303-795-0221.

The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: Drilling Department

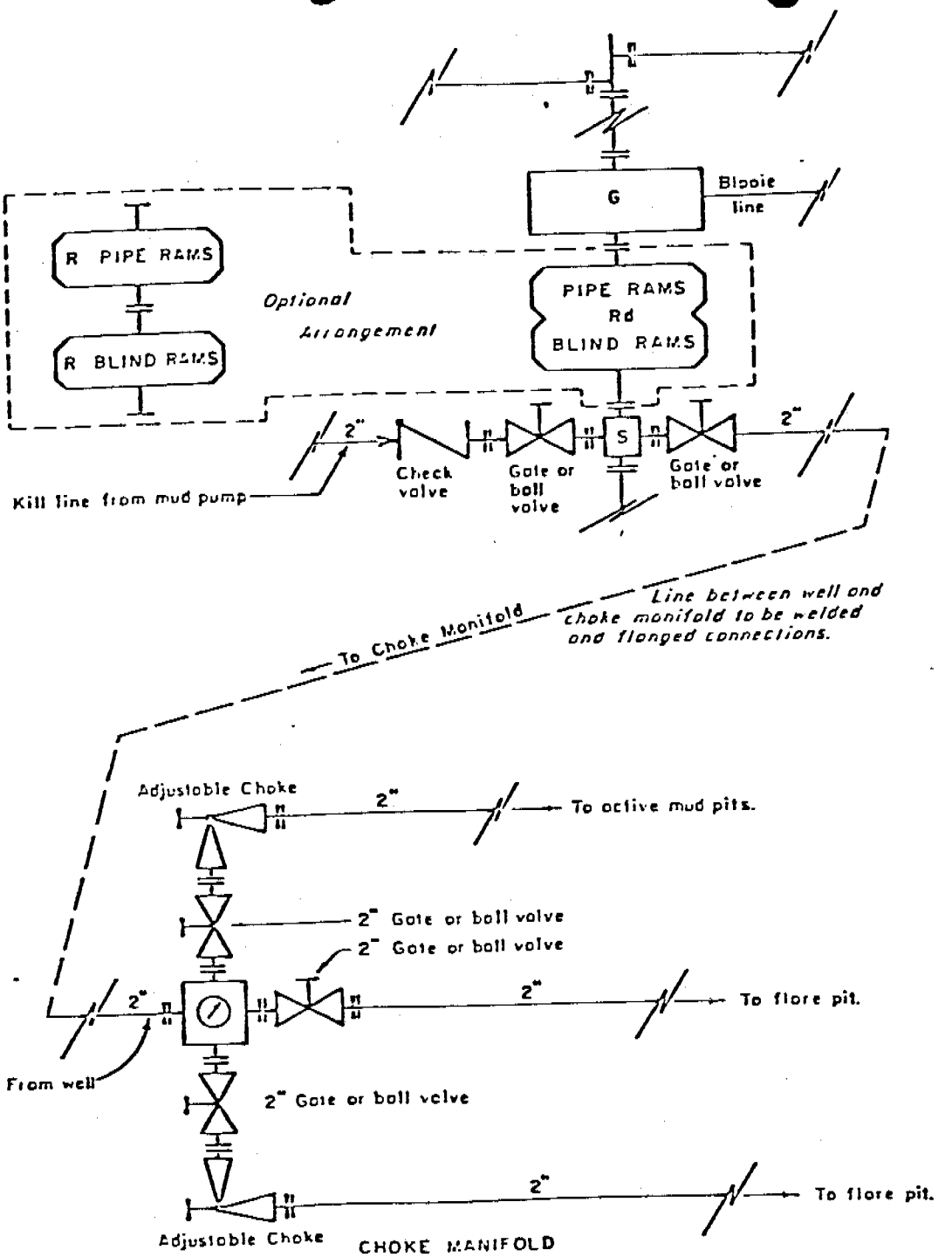
IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.

2. Mr. George E. Ramsey, Jr., Drilling Engineers Supervisor

3. Mr. John W. Owen, Project Drilling Engineer.

4. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).



All equipment to be 3,000 psi working pressure except as noted.

Rd Double ram type preventer with two sets of rams.

R Single ram type preventer with one set of rams.

S Drilling spool with side outlet connections for choke and kill lines.

G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION

REQUIRED MINIMUM
BLOWOUT PREVENTER AN
CHOKE MANIFOLD

J. MAGILL 10-26-79 EVI

1. Existing Roads

A. Proposed Well Site Location: Surveyed and staked by a registered land surveyor 8555.5 FNL & 2536.5 FWL Sec. 35, T.165., R.24E, Grand County, Utah

See Exhibit I

B. Planned Access Route:

See Exhibit II

C. Access Road Labelled:

Color Code: Red - Improved Surface
Blue - New Access Road

D. Not applicable - the proposed well is a development well.

E. The proposed well is a development well. See Exhibit for existing roads within a one mile radius.

F. Existing Road Maintenance or Improvement Plan:
The existing roads will require minimal maintenance.

2. Planned Access Roads

(All roads are existing roads.)

A. Width:
The average width of the road is twenty feet.

B. Maximum Grades: Grades will be held to a minimum per existing topography

C. Turnouts:
There are no turnouts planned as sight distance is sufficient.

D. Drainage Design:
The road will be center crowned to allow drainage.

E. Culverts Use Major Cuts and Fills:

Maximum cut will be 36' at the pit with a maximum fill of 17'. Culverts will be placed as needed.

F. Surfacing Material:
Native soil has been wetted, bladed and compacted to make the road surface, which is existing.

2. Planned Access Roads (Cont'd)

G. Gates, Cattleguards, Fence Cuts:
No gates, cattleguards or fences will be needed.

H. New Roads Centerlined Flagged:
Existing Roads.

3. Location of Existing Wells

The proposed well is a development well. Exhibit shows existing wells within a one mile radius.

A. Water Wells: NA
B. Abandoned Wells: NA
C. Temporarily Abandoned Wells: NA
D. Disposal Wells: NA
E. Drilling Wells: NA
F. Producing Wells: See Exhibit III
G. Shut-In Wells: NA
H. Injection Wells: NA
I. Monitoring or Observation Wells: None.

4. Location of Existing and/or Proposed Facilities

A. Existing facilities within one mile owned or controlled by Lessee/Operator:

(1) Tank batteries - NA
(2) Production facilities - NA
(3) Oil Gathering Lines - NA
(4) Gas Gathering Lines - NA
(5) Injection Lines - NA
(6) Disposal Lines - NA

B. New facilities in the event of production:
(1) New facilities will be within the area of surface disturbance

(3) Construction Materials/Methods:
Construction materials will be native to the site. Facilities will consist of a well pad.

(4) Protection of Wildlife/Livestock:
Pits will be fenced to protect wildlife and/or livestock.

4. Location of Existing and/or Proposed Facilities (Cont'd)

B. New facilities in the event of production: (cont'd)

(5) Wellhead, tank and production unit

C. Rehabilitation of Disturbed Areas:
Following the completion of construction, those areas required for continued production will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with surrounding topography per BLM recommendations.

5. Location and Type of Water Supply

A. Location and type of water supply:
Water will be purchased from Bill Buniger

B. Water Transportation System:
Water trucks will be used.

C. Water wells:
N/A.

6. Source of Construction Materials

A. Materials:
Construction materials will consist of soil native to the site. Any topsoil, if present, will be stripped and stockpiled as needed.

B. Land Ownership;
The planned site and access road is on federal land administered by the Bureau of Land Management.

C. Materials Foreign to the Site:
N/A.

D. Access Roads:
No additional roads will be required.

7. Methods for Handling Waste Disposal

A. Cuttings:
Cuttings will be contained in the reserve pit.

B. Drilling Fluids:
Drilling fluids will be retained in the reserve pit.

C. Produced Fluids:
Produced fluids, including produced water will be collected in the reserve pit. Any small amount of hydrocarbon that may be produced during testing will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon material will be skimmed.

7. Methods for Handling Waste Disposal (Cont'd)

D. Sewage:
Sanitary facilities for sewage disposal will consist of at least one pit toilet, during the driller operations. The pit will be backfilled immediately following completion of the drilling operation.

E. Garbage:
There probably will not be much putriscible garbage to dispose of. However, it will be disposed of along with the refuse in a constructed burn pit, which will be fenced. The small amount of refuse will be burned and the pit will be covered with a minimum 36 inch cover upon completion.

F. Clean-Up of Well Site:
Upon the release of the drilling rig, the surface of the drilling pad will be prepared to accommodate a completion rig, if testing indicates potential productive zones. In either case, the "mouse hole" and "rat hole" will be covered to eliminate a potential hazard to livestock. The reserve pit will be fenced to prevent entry of livestock until the pit is backfilled. Reasonable clean up will be performed prior to final restoration of the site.

8. Ancillary Facilities

None required.

9. Well Site Layout

A. See Exhibit IV

B. Location of pits, etc. See Exhibit IV

C. Rig orientation etc. See Exhibit V

D. Lining of pits:
Pits will not be lined. They will be covered with a fine mesh netting, if necessary, for the protection of wildlife if fluids are found to be toxic.

10. Plans for Restoration of Surface

A. Reserve pit clean up:
The pit will be fenced prior to rig release and shall be maintained until clean up. Prior to backfilling any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured as needed to minimize erosion. The reserve pit area will be seeded per BLM recommendations during the appropriate season following final restoration of the site.

10. Plans for Restoration of Surface (Cont'd)

B. Restoration Plans - Production Developed:
The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography, and seeded, per BLM recommendations. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those under Item C. below.

C. Restoration Plan - No Production Developed:
The reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored. The site will be contoured to blend with the surrounding topography. The site will be seeded according to BLM recommendations. If the new access road is not required for other development plans, it will be obliterated and restored and seeded per BLM recommendations.

D. Rehabilitation Time Table:
Upon completion of operations the intial clean up of the well site will be performed. Final restoration of the site will be performed as soon as possible according to procedural guidelines published by the USGS and BLM. Seeding of the disturbed areas which are no longer required will be performed during the appropriate season, following final restoration.

11. Other Information

A. Surface Description: The site is located up East Canyon in a narrow canyon with alluvial surface deposits. Vegetation consist of sage, juniper and grasses.

B. Surface Use Activities:
The surface is federally owned and managed by the BLM. The predominant surface use is mineral exploration and production.

C. Proximity of Water, Dwellings and Historical Sites:

1. Water:
There are no reservoirs or streams in the immediate area.
2. Occupied Dwellings:
There are no occupied dwellings or buildings in the area.
3. Sites:
An archeological reconnissance has been performed for this location and clearance has been granted.

12. Operator's Field Representative

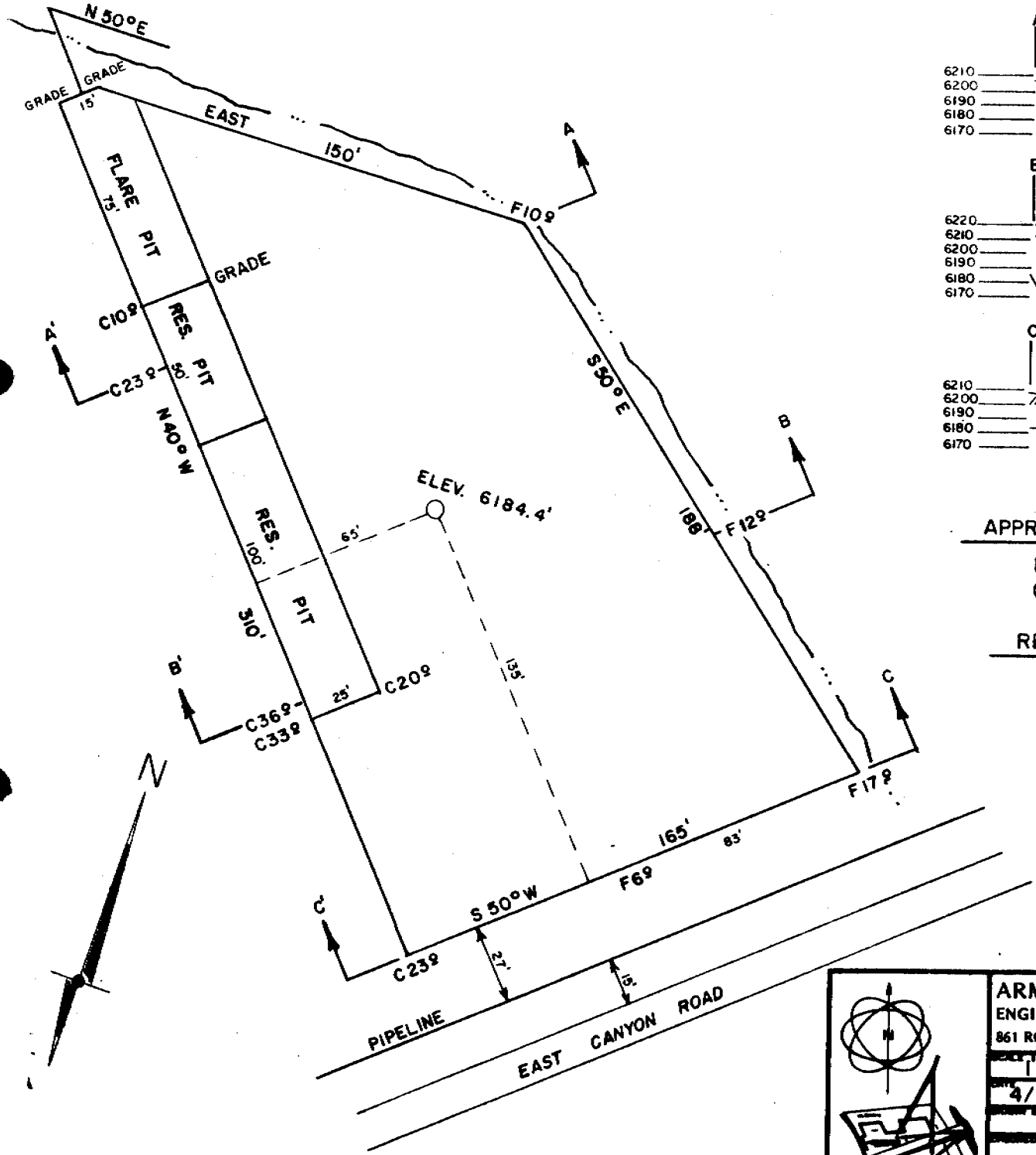
Donald S. Barnes
Division Drilling Engineer
Tenneco Oil Company
720 South Colorado Blvd.
Penthouse
Denver, CO 80222
(303) 758-7130 Ext. 212

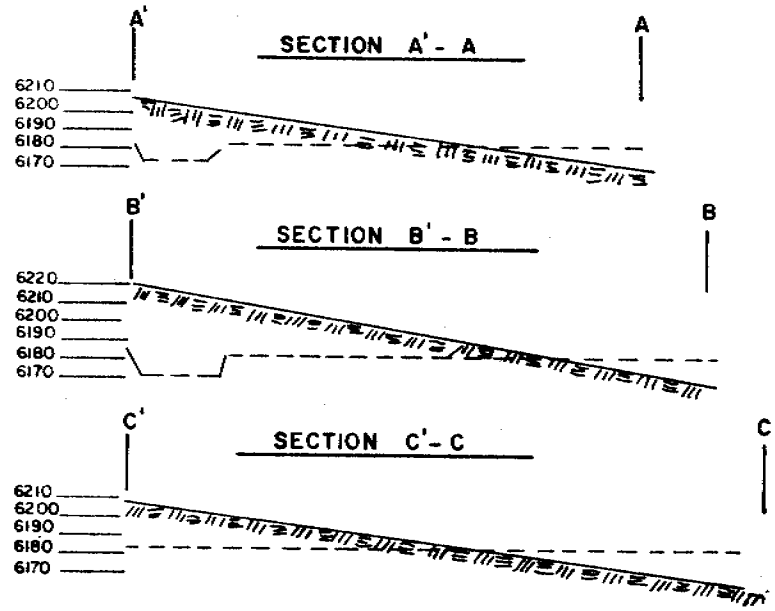
13. Certification

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 as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and subcontractos will conform to this plan.

Date: 4/24/80

M. L. Freeman
Staff Production Analyst





APPROXIMATE EARTHWORK VOLUMES

FILL = 3620 CU. YDS.
CUT = 9270 CU. YDS.

REFERENCE POINTS @ 200'

R.P. NORTH 6194.9
R.P. EAST 6174.8

ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE – GRAND JUNCTION, COLORADO 81501 – (303) 245-3861

SCALE 1" = 50'	TENNECO OIL CO.
DATE 4/13/80	BROWN 35-3
DRAWN BY J.M.T.	
CHECKED BY J.R.S.	SHEET 2 of 5
DATE 2/26/80	JOB NUMBER 802739

TOC 541 - 7/61

TENNECO OIL COMPANY

CALCULATION SHEET

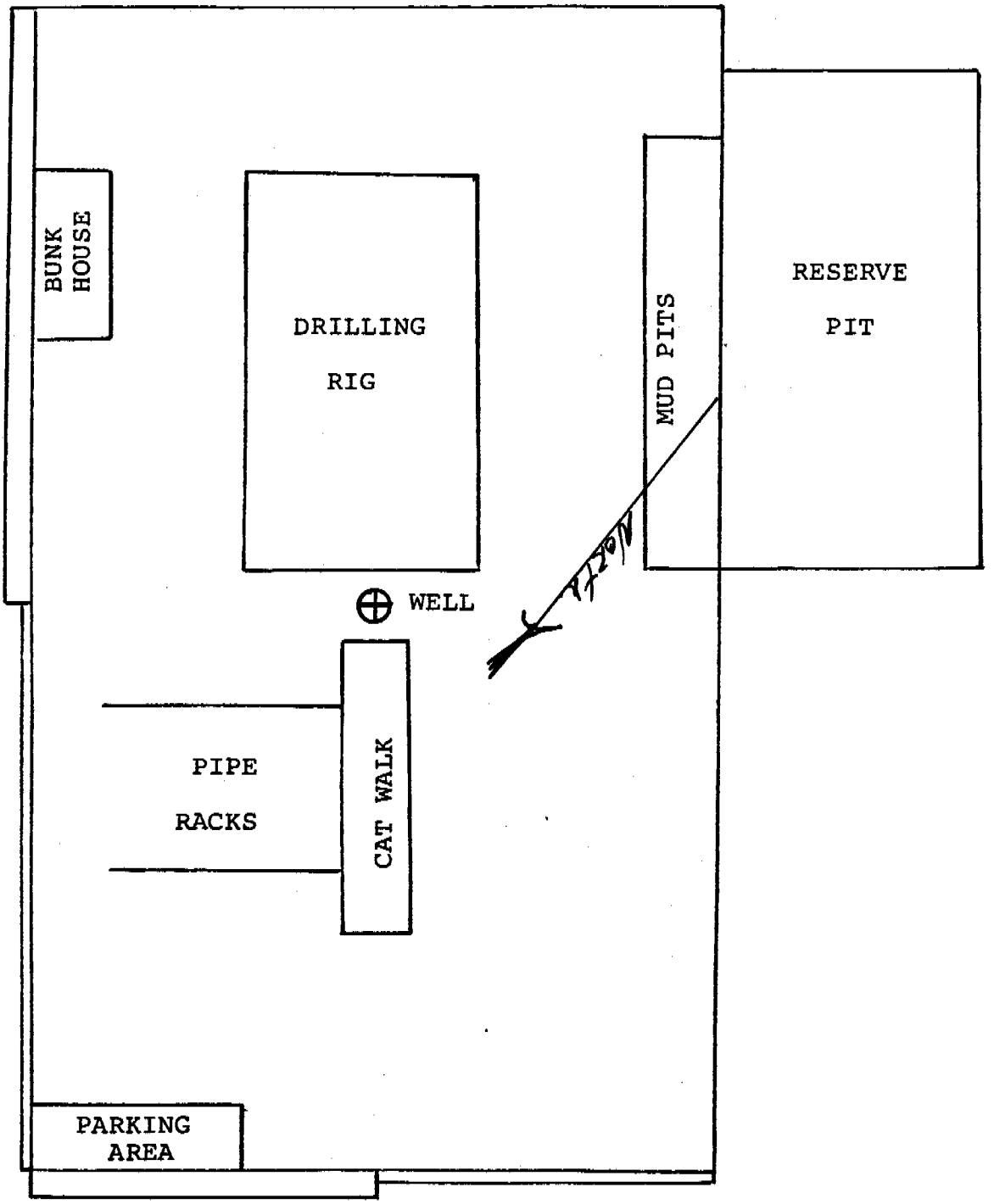
COMPANY

EXHIBIT

SUBJECT DRILLING WELL SITE LAYOUT Brown 35-3

LOCATION

DATE



BROWN 35-3

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation:

2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)

4. Proposed Casing Program:

(See Attached Drilling Procedure)

5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.

6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.

7. Auxiliary Equipment:
   a. Kelly cock will be in use at all times.
   b. Stabbing valve to fit drill pipe will be present on floor at all times.
   c. Mud monitoring will be visual. No abnormal pressures are anticipated.
   d. Floats at bits.
   e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.

8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)

9. No abnormal pressures, temperatures or potential hazards such as H_2S are expected to be encountered.

10. The drilling of this well will start approximately (July/Aug.'80) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

303-740-4800
Don Barnes
Lee Irwin
Bob Mahler

** FILE NOTATIONS **

DATE: September 16, 1980

OPERATOR: Tenneco Oil Company

WELL NO: Brown #35-3

Location: Sec. 35 T. 16S R. 24E County: Grand

File Prepared: [ ] Entered on N.I.D: [ ]

Card Indexed: [ ] Completion Sheet: [ ]

API Number 43-019-30771

CHECKED BY:

Petroleum Engineer: M. J. Minder 1-30-81
To close to unit boundary called L. Freeman 10/16/80 will send request for topo exception and material to substantiate, called 11/26/80 letter on the way.

Director:

Administrative Aide: ~~OK on gas well spacing per order~~

1600' from producing well

APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

Order No. 165-4 6/26/79 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 [Fed] Plotted on Map [✓]

Approval Letter Written [✓] letter sent 1-30-81

Hot Line [✓] P.I. [✓]

COPY SENT REGISTERED MAIL JANUARY 27, 1981

Tenneco Oil
Exploration and Production
A Tenneco Company

Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

October 17, 1980

Michael T. Minder
Division of Oil, Gas & Mining
1588 W. North Temple
Salt Lake City, Utah 84116

Re: Brown 35-3
855.5 FNL, 2437 FWL
Sec. 35, T16S, R24E
Grand County, Utah

Dear Mr. Minder,

Pursuant to Order 165-4, Part 9, Page 4, we respectfully request administrative approval of the referenced unorthodox location.

The topography of the area is very uncompromising as shown on the attached map. The canyon width is only several hundred feet severely limiting drill site selection. Moving the site northwesterly is not in acceptance with the U. S. Geological Survey and Bureau of Land Management as it would block the drainage and require extensive earth work.

Tenneco has the operating right of the entire section. This control of the section and the existing topograph is the basis of our request.

Yours very truly,

TENNECO OIL COMPANY

M. L. Freeman
Staff Production Analyst

MLF/rr
Encl.

RECEIVED
JAN 20 1981
DIVISION OF
OIL, GAS & MINING

LTOEP 103A 7/80

January 30, 1981

Tenneco Oil Company
720 South Colorado Blvd.
Denver, Colorado 80222

Re: Well No. Brown 35-3
Sec. 35, T. 16S, R. 24E
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 165-4, dated June 26, 1979.

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

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Acquifers) 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 43-019-30771.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

M. T. Minder

Michael T. Minder
Petroleum Engineer

/ko
cc: USGS

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 856' FNL 2437' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U 10152

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brown USA

9. WELL NO.
35-3

10. FIELD OR WILDCAT NAME
Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T16S, R24E

12. COUNTY OR PARISH: Grand
13. STATE: Utah

14. API NO.
43-019-30771

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6184' gr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☒
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Commence drilling operations		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

03/19/81 MIRURT. Spud 03/18/81. Set 3 jts 9-5/8" 36# csg set @ 111'. Cmt w/ 75 sx Class-B w/2% $CACL_2$ and 1/4# per sk. Celloflake. Resume drilling after WOC.

03/21/81 Drill to 1874'. RU and run 47 jts 7" 23# csg w/shoe @ 1870'. Cmt w/ 250 sx 50/50 POZ w/2% $CACL_2$ and 1/4#/sk Flocele. Tail w/50 sx Class-B neat w/2% $CACL_2$ and 1/4#/sk Flocele. Plug down. Circ cmt to surface.

03/22/81 Pressure test BOP to 1500 psi for 30 mins. OK. Resume drilling.

03/27/81 Drill to 5953' survey, circ hole. Trip. Service rig. Log down to 5951'

03/29/81 RU and run 133 jts 4-1/2" 10.5# csg set @ 5947'. Cmt w/200 sx self stress w/10% D-53 and .75% D-65. Plug down. Good circulation thruout. WOC. ND set 60,000# on slips. Cut csg. Release rig 03/28/81.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED William J. Knight TITLE Adm. Supervisor DATE April 1, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE APR 13 1981
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DIVISION OF OIL, GAS & MINING

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY APR 27 1981

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood, Colorado 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 856' FSL 2437' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U 15012

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brown USA

9. WELL NO.
35-3

10. FIELD OR WILDCAT NAME
Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 35 T6S R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6184' gr

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Final tbg detail		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

4/15/81. Tagged sand fill @ 5747'. Clean out to PBTD w/foam. RIH w/2-3/8" tbg. Land @ 5710'. NDBOP NUWH. Flowing to clean up.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [signature] TITLE Asst.Div.Adm.Mgr. DATE April 21, 1981

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood. Colorado 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U 15012

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brown USA

9. WELL NO.
35-3

10. FIELD OR WILDCAT NAME
Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 35 T6S R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6184' gr

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☒
SHOOT OR ACIDIZE	☐	☒
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

4/10/81. MIRUSU. NUBOP. RIH w/3-3/4" bit. Pick up 2-3/8" tbg. Tag PBTD @ 5856'. Roll hole w/2% KCL water.

4/11/81. Pressure test to 4000 PSI. Held OK. Perf'd Dakota from 5356-64',5378-80', 5396-5400'. Perf'd Morrison from 5688-96'. RIH w/tbg, pkr and retrieveable bridge plug.

4/12/81. Isolate Morrison 5688-96', Acidize w/300 gals 7½% MSR acid and 24 ball sealers. Swabbed back and well unloaded to pit. Well flow 15 mins and died. Made 2 swab runs and recovered ½bbl load. Rate of flow after 30 mins 175MCF. Moved pkr and bridge plug to isolate Dakota perfs 5356-5400'. Break down: 2BPM @ 3000PSI. Displaced w/5 BPM @ 2300PSI. ISIP: 1400PSI, Released pkr and plug. TOOH w/tbg, pkr and bridge plug.

4/14/81. Frac'd Morrison/Dakota w/75% quality foam (67,500 gals) and 71,000# 20/40 sand. AIP: 3500 PSI, AIR: 25BPM. Opened well up and blew around w/N_2. Left flowing overnight.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Cathy Tatum TITLE Asst.Div.Adm.Mgr. DATE April 21, 1981

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

AMENDED OCT 13 1981

MAY 5 1981

Form 9-330
(Rev. 5-63)

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.

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: Tenneco Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 856' FNL 2437' FWL
At top prod. interval reported below
At total depth

NE NW

RECEIVED OCT 15 1981 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-15012
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Brown USA
9. WELL NO.: 35-3
10. FIELD AND POOL, OR WILDCAT: Bryson Canyon
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 35, T16S R24E
12. COUNTY OR PARISH: Grand
13. STATE: Utah
14. PERMIT NO.: 43-019-30271
DATE ISSUED: 1-30-81

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3/18/81	3/27/81	5/1/81	6184' gr.	-

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5947'	5856'		→	o'-TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5356-5696' Dakota/Morrison

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: ACB, DI/GL, Temp Log, CDL

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
9-5/8"	36#	111'	12-1/4"	75sx Class B 1/4#/sk Celloflake	
7"	23#	1870'	8-3/4"	250sx 50/50 POZ 50sx Class B	
4-1/2"	10.5#	5947'	6-1/4"	200sx self stress w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5710'	

31. PERFORATION RECORD (Interval, size and number)
5356-64'
5378-80'
5396-5400'
5688-96'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5688-96'	300 gals 7-1/2% MSR 24 balls
5356-5696-	67,500 gals 75% quality foam
	71,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5/1/81	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/1/81	24 hrs.	1" orifice	→		580		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	375 PSI	→		580		

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Electric logs forwarded by Welex and OWP

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

SIGNED Carley Hatten TITLE Asst. Div. Adm. Mgr. DATE 5/4/81

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mesaverde	Surface	1300	Sand, shale, water, gas
Castlegate	1648	1750	Sand, water, gas
Dakota	5290	5510	Sand, shale, gas
Morrison	5510	TD	Shale, sand, gas

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Mancos B	2360	
Frontier	4950	
Dakota Silt	5235	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Form 9-330
(Rev. 5-63)

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.

3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

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

2. NAME OF OPERATOR: Tenneco Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 856' FNL 2437' FWL
At top prod. interval reported below
At total depth

MAY 8 1981
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-15012
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Brown USA
9. WELL NO.: 35-3
10. FIELD AND POOL, OR WILDCAT: Bryson Canyon Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 35, T6S R24E

14. PERMIT NO.: 43-019-30771 DATE ISSUED: 3/18/81
12. COUNTY OR PARISH: Grand
13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3/18/81	3/27/81	5/1/81	6184' gr.	-

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5947'	5856'		→	o'-TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5356-5696' Dakota/Morrison

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: ACB, DI/GL, Temp Log, CDL

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
9-5/8"	36#	111'	12-1/4"	75sx Class B 1/4#/sk Celloflake	
7"	23#	1870'	8-3/4"	250sx 50/50 POZ 50sx Class B	
4-1/2"	10.5#	5947'	6-1/4"	200sx self stress w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5710'	

31. PERFORATION RECORD (Interval, size and number)
5356-64'
5378-80'
5396-5400'
5688-96'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5688-96'	300 gals 7-1/2% MSR 24 balls
5356-5696-	67,500 gals 75% quality foam
	71,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5/1/81	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/1/81	24 hrs.	1" orifice	→		580		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
	375 PSI	→		580		

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Electric logs forwarded by Welex and OWP

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

SIGNED Curly Latham TITLE Asst. Div. Adm. Mgr. DATE 5/4/81

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mesaverde	Surface	1300	Sand, shale, water, gas
Castlegate	1648	1750	Sand, water, gas
Dakota	5290	5510	Sand, shale, gas
Morrison	5510	TD	Shale, sand, gas

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Mancos B	2360	
Frontier	4950	
Dakota Silt	5235	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

QUINOCO PETROLEUM, INC 6855 APR 01, 1984
PAGE 2

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760016	FULLER USA #15-16	06	02	3	12/85	0900
93761014	FULLER USA #16-12	06	02	3	12/85	1100
92110010	FEDERAL #3-8 17s 24E 3	06	07	7	10/85	0830
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	7	10/85	0930
92112012	FEDERAL #35-10 16S. 24E. 35	06	07	7	10/85	1100
92156011	FEDERAL #4-12 17s 24E 4	06	07	8	10/85	0900
92155013	WILSON USA #33-15 16S. 24E. 33	06	07	8	10/85	1030
92193014	BROWN USA #35-3 16S. 24E. 35	06	07	8	10/85	1130
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	6	11/85	0930
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	6	11/85	0830
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	4	11/85	1030
92158012	DIETLER STATE #2-14 17S. 24E. 2	06	07	7	11/85	0830
92160017	STATE #36-14 16S. 24E. 36	06	07	7	11/85	0930
92168016	EDWARDS USA #12-9 17S. 24E. 12	06	07	4	11/85	0930
92168019	CALVINCO USA #31-12 16s 25E 31	06	07	5	11/85	0830
92190013	REINAUER #1-14 17S. 24E. 1	06	07	5	11/85	0930
92199010	REINAUER #1-5 17S. 24E 1	06	07	7	11/85	1030
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	4	11/85	0830

Tenneco Oil Company
A Tenneco Company
Western Rocky Mountain Division
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

RECEIVED
APR 27 1984
DIVISION OF OIL
GAS & MINING

April 25, 1984

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

T. 17S R 24E Sec 4	Federal 4-12
T17S R 24E Sec. 14	Hogle USA 14-4
T17S R24E Sec 3	Federal 3-8
T17S R24E Sec 3	Federal 3-15
T16S R24E Sec 35	Federal 35-10
T17S R24E Sec 2	Dietler State 2-14
T17S R24E Sec 2	Dietler State 2-7
T16S R25E Sec 31	Calvinco USA 31-12
T17S R24E Sec 1	Reinauer 1-5
T17S R24E Sec 1	Reinauer 1-14
T16S R24E Sec 36	Tenneco State 36-14
T16S R24E Sec 36	Tenneco State 36-16
T16S R 24E Sec 35	Brown USA 35-3
T17S R24E Sec 12	Edward 12-2
T17S R25E Sec 7	Winter Camp Unit 7-14
T17S R24E Sec 11	Hogle 11-12
T17S R25E Sec 6	Federal 6-7
T17S R25E Sec 7	Federal 7-4
T16S R25E Sec 17	Federal 17-9
T16S R25E Sec 14	Federal 14-2
T16S R26E Sec 16	State 16-4
T16S R25E Sec 13	Carlson USA 13-4
T17S R24E Sec 5	Federal 5-13
T16S R24E Sec 33	Wilson USA 33-15
T17S R25E Sec 6	Federal 6-14
T16S R25E Sec 13	Federal 13-9
T16S R26E Sec 33	Federal 33-13
T17S R26E Sec 5	Federal 5-4
T16S R26E Sec 32	State 32-1
T16S R26E Sec 32	State 32-11
T17S R24E Sec 12	Tenneco USA 12-9

Form OGC-1b

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

031723 PGW

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 [X] OTHER

2. NAME OF OPERATOR: Omimex Petroleum, Inc.

3. ADDRESS OF OPERATOR: Stanford Place 1, Suite 1060, 8055 E. Tufts Ave. Pkwy., Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 856' FNL, 2437' FWL

5. LEASE DESIGNATION AND SERIAL NO.: U-10152

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Brown USA

9. WELL NO.: 35-3

10. FIELD AND POOL, OR WILDCAT: Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 35, T16S R24E

14. PERMIT NO.: 43-019-30771

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6184' GL

12. COUNTY OR PARISH: Grand

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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Change of Operator			[X]	(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.)*

Change of Operator from Quinoco Petroleum, Inc., P.O. Box 378111, Denver, CO 80237 to Omimex Petroleum, Inc. effective as of March 1, 1987.

RECEIVED
MAR 12 1987
DIVISION OF
OIL, GAS & MINING

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

SIGNED Mary Earle TITLE Production Analyst DATE 3-1-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: UTU10152

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number: Brown USA #35-3

9. API Well Number: 43-01930771

10. Field and Pool, or Wildcat: Bryson Canyon Field

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

RECEIVED NOV 1 5 1993 DIVISION OF OIL, GAS & MINING

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator: Omimex Petroleum, Inc.

3. Address and Telephone Number: 8055 E. Tufts Ave. Pkway., #1060 - Denver, CO 80237 (303)771-1661

4. Location of Well
Footages:
QQ, Sec.,T.,R.,M.: NENW 35-16S-24E

County: Grand
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- ☐ Abandonment
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Multiple Completion
- ☐ Other
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Recompletion
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- ☐ Abandonment *
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☒ Other Change of Operator
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Date of work completion

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

Effective November 1, 1993 operatorship transferred to:

North Star Resources, Inc. (corporate office)
15000 NW Freeway
Houston, TX 77040

2210 Highway 6N50 (operations office)
Grand Junction, CO 81505

(303) 245-5902

13. Name & Signature: B. J. Whitney
B. J. Whitney
Title: Production Analyst
Date: 11/11/93

(This space for State use only)

(12\92)

(See Instructions on Reverse Side)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: UTU10152
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: NORTHSTAR GAS COMPANY INC.
3. Address and Telephone No.: 820 GESSNER SUITE 1630 HOUSTON TX 77024 713-935-9542
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NENW 35-16S-24E

8. Well Name and No.: BROWN USA #35-3
9. API Well No.: 43-01930771
10. Field and Pool, or Exploratory Area: BRYSON CANYON
11. County or Parish, State: GRAND COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other CHANGE OF OPERATOR	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

EFFECTIVE 11-01-93 NORTHSTAR GAS CO. INC. WILL BECOME OPERATOR OF THE ABOVE WELL.

RECEIVED
MAY 23 1994
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed PAUL BERNARD Title SEC/TREAS Date 050494

(This space for Federal or State office use)
Approved by /S/ WILLIAM C. STRINGER Title Associate District Manager Date MAY 15 1994
Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

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

*See Instruction on Reverse Side

Northstar Gas Company, Inc.
Well No. Brown USA 35-3
NENW Sec. 35, T. 16 S., R. 24 E.
Grand County, Utah
Lease U-10152

CONDITIONS OF APPROVAL

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

Be advised that Northstar Gas Company, Inc., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0845 (Principal - Northstar Gas Company, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

FORM 9

:E OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: UTU10152

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL ☐ GAS ☒ OTHER:

8. Well Name and Number: BROWN USA #35-3

2. Name of Operator: NORTHSTAR GAS COMPANY, INC.

9. API Well Number: 43-01930771

3. Address and Telephone Number: 820 GESSNER, SUITE 1630, HOUSTON, TX 77024 713-935-9542

10. Field and Pool, or Wildcat: BRYSON CANYON

4. Location of Well

Footages:

County: GRAND

QQ, Sec.,T.,R.,M.: NENW 35-16S-24E

State: UTAH

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

NOTICE OF INTENT
(Submit In Duplicate)

- ☐ Abandonment
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Multiple Completion
- ☐ Other
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Recompletion
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- ☐ Abandonment *
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☒ Other CHANGE OF OPERATOR
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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

EFFECTIVE NOVEMBER 1, 1993 OPERATORSHIP TRANSFERRED FROM:
OMIMEX PETROLEUM, INC.
8055 E.TUFTS AVE. PKWAY. #1060
DENVER CO 80237 (303) 771-1661

TO:
NORTHSTAR GAS COMPANY, INC.
820 GESSNER, SUITE 1630
HOUSTON, TX 77024 (713) 935-9542

13.

Name & Signature: Harry F. Dean Title: President Date: 5/24/94

(This space for State use only)

(1\93)

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-LHC
2-DTS/SJ	
3-VLC	
4-RJF	
5-PL	
6-SJ	

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

XXX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-93)

TO (new operator) NORTHSTAR GAS COMPANY INC.
(address) 15000 NW FWY STE 203
HOUSTON, TX 77040
PAUL BERNARD
phone (713)937-4314
account no. N 6680

FROM (former operator) OMIMEX PETROLEUM INC.
(address) 8055 E TUFTS AVE STE 1060
DENVER, CO 80237
phone (303) 771-1661
account no. N 0735

Well(s) (attach additional page if needed):

Name	API	Entity	Sec	Twp	Rng	Lease Type
FEDERAL 3-8/DKTA	43-019-30521	6545	3	17S	24E	U38838A
FEDERAL 3-15/DK-MR	43-019-30463	6530	3	17S	24E	U38838A
FEDERAL 5-13/DKTA	43-019-30544	6528	5	17S	24E	U41372
FEDERAL 28-15/DKTA	43-019-30545	9160	28	16S	24E	U10152A
WILSON 33-2/MNCSB	43-019-30703	9162	33	16S	24E	U31468
WILSON 33-15/DKTA	43-019-30520	2870	33	16S	24E	U31468
BROWN USA 35-3/DK-MR CONT.	43-019-30771	6526	35	16S	24E	U10152

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-15-93)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec. 11-19-93)(Rec'd 5-23-94)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

Lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-31-94)

LWP 6. Cardex file has been updated for each well listed above. 6-1-94

LWP 7. Well file labels have been updated for each well listed above. 6-1-94

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-31-94)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

'ERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

NTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

N/A/Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

__ 2. A copy of this form has been placed in the new and former operators' bond files.

__ 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

__ 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

__ 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: June 8 19 94.

FILING

✓ 1. Copies of all attachments to this form have been filed in each well file.

✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940531 Btm/Moab Aprv. 5-15-94 eff. 11-1-93.

E71/34-35