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PERMITCO
PETROLEUM PERMITTING COMPANY

14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

June 28, 2004

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

Re: GASCO Production Company
Gate Canyon Federal #41-19-11-16
857' FNL and 680'FEL
NE NE Section 19, T11S - R16E
Duchesne County, Utah
Lease No. UTU-74395

Gentlemen:

Enclosed please find three copies of the Application for Permit to Drill, which has also been sent to the BLM in Vernal, Utah.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.

RECEIVED
JUL 16 2004
DIV. OF OIL, GAS & MINING

Sincerely,

PERMITCO INC.

Lisa Smith

Lisa Smith
Consultant for
GASCO Production Company

Enc.

cc: Gasco Production Company - Englewood, CO

001

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.: UT-74395
6. SURFACE: BLM

1A. TYPE OF WORK: DRILL ☒ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☒ OTHER _____ SINGLE ZONE ☒ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Gasco Production Company 303-483-0044 14 Inverness Drive East, Suite #H236 Englewood, CO 80112

9. WELL NAME and NUMBER: Gate Canyon #41-19-11-16

3. NAME OF AGENT: Permit Co Inc. 303-857-9999 14421 County Road 10 Fort Lupton, CO 80621

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 857' FNL and 680' FEL 571933 X 39.84756 4410967Y -110.15919

AT PROPOSED PRODUCING ZONE: NE NE

11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Sec. 19, T11S-R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 33.4 miles South of Myton, UT

12. COUNTY: Duchesne
13. STATE: Utah

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 857'
16. NUMBER OF ACRES IN LEASE: 1189.12
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40.0

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None
19. PROPOSED DEPTH: 11,915'
20. BOND DESCRIPTION: Bond #UT-1233

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6382' GL
22. APPROXIMATE DATE WORK WILL START: 8/15/2004
23. ESTIMATED DURATION: 35 Days

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", H40, 48#	225'	225 sx Premium Type 5, 15.6 ppg, yield 1.18
12-1/4"	9-5/8", J-55, 36#	3000'	410 sx G Lite, 11 ppg, yield 1.18 + 185 sx Class G, 14.2 ppg, yield 1.28
7-7/8"	4-1/2", P110, 13.5#	11,915'	725 sx Lite, 13.0 ppg, yield 1.28 + 1725 sx 50-50 Poz, 14.1 ppg, yield 1.28

25. ATTACHMENTS **CONFIDENTIAL-TIGHT HOLE**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PROGRAM
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Lisa L. Smith TITLE Agent for Gasco Energy, Inc./Pannonian Energy, Inc.

SIGNATURE Lisa Smith DATE June 28, 2004

(This space for State use only)

API NUMBER ASSIGNED: 43-013-32611

APPROVAL

Approved by the Utah Division of Oil, Gas and Mining

Date: 07-19-04

By: [signature]

(See instructions on Reverse Side)

Federal Approval of this Action is Necessary

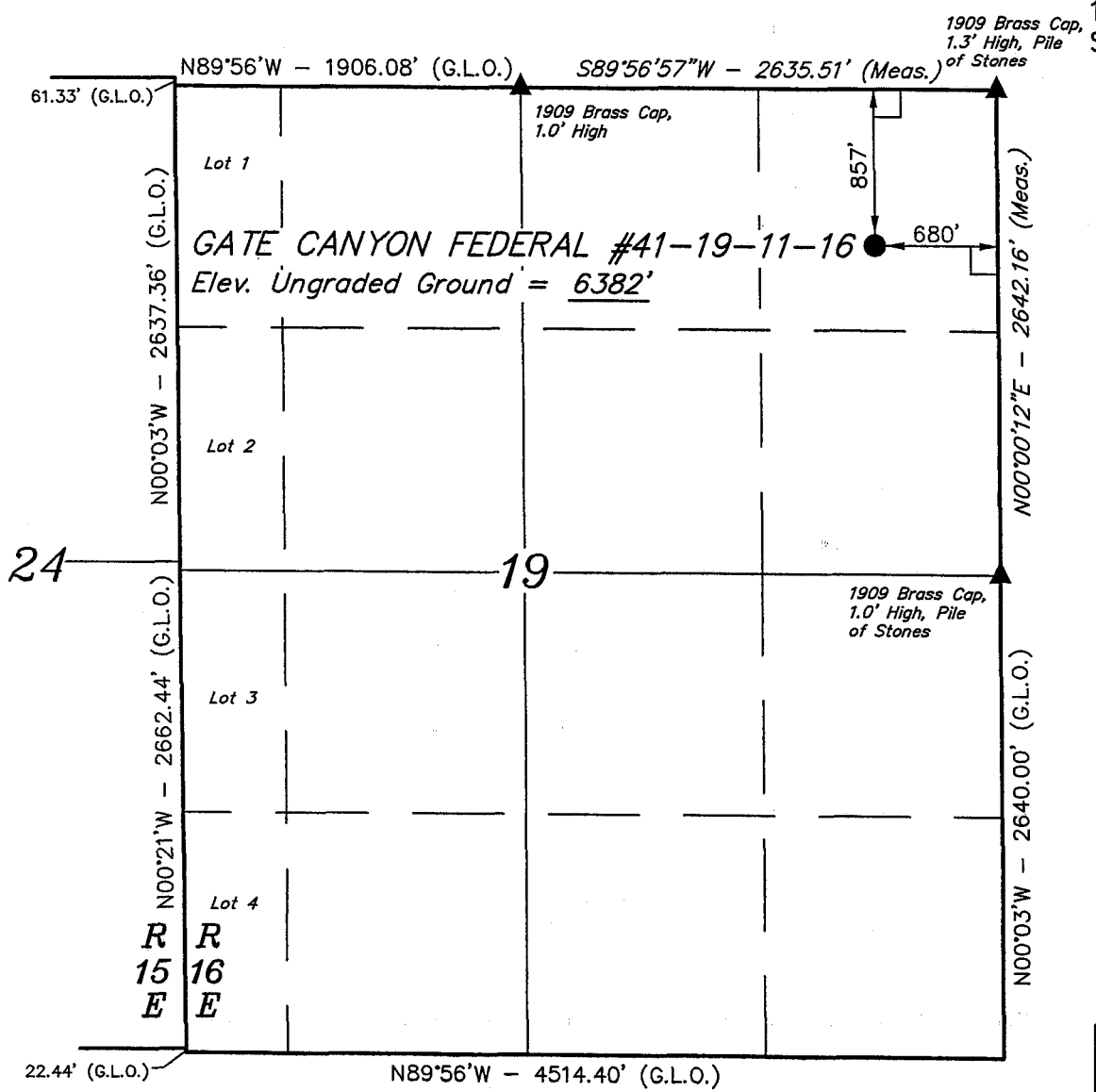
(11/2001)

RECEIVED
JUL 16 2004
DIV. OF OIL, GAS & MINING

GASCO ENERGY, INC.

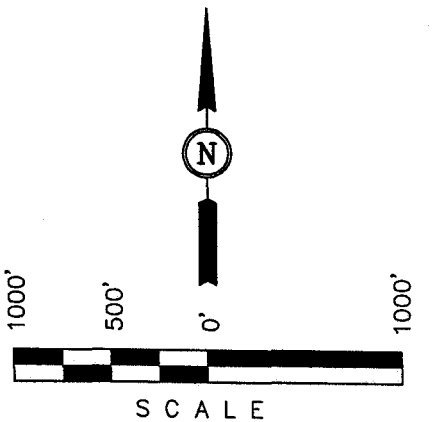
Well location, GATE CANYON FEDERAL #41-19-11-16, located as shown in the NE 1/4 NE 1/4 of Section 19, T11S, R16E, S.L.B.&M. Duchesne County, Utah.

T11S, R16E, S.L.B.&M.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 20, T11S, R16E, S.L.B.&M. TAKEN FROM THE COWBOY BENCH QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6404 FEET.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)
LATITUDE = 39°50'51.15" (39.847542)
LONGITUDE = 110°09'35.46" (110.159850)

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

SCALE 1" = 1000'	DATE SURVEYED: 2-19-04	DATE DRAWN: 3-9-04
PARTY D.A. T.A. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE GASCO ENERGY, INC.	

CONFIDENTIAL - TIGHT HOLE

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore
Federal and Indian Oil & Gas Leases

Gate Canyon Federal #41-19-11-16
857' FNL and 680' FEL
NE NE Section 19, T11S - R16E
Duchesne County, Utah

Prepared For:

Gasco Production Company

By:

PERMITCO INC.
14421 County Road 10
Ft. Lupton, Colorado 80621
303/857-9999

CONFIDENTIAL-TIGHT HOLE

Copies Sent To:

4 - Bureau of Land Management - Vernal, UT
1 - Utah Division of Oil, Gas & Mining - SLC, UT
3 - Gasco Production Company - Englewood, CO

PETROLEUM PERMITTING PERMITCO COMPANY

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
   Attached.

2. A Drilling Plan

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.
   See Surface Use Plan Attached.

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20).
   Bond coverage for this well is provided by Gasco Production Company under their BLM Bond No. Bond #UT-1233.

5. Operator certification.
   Please be advised that Gasco Production Company is considered to be the operator of the above mentioned well. Gasco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

6. Such other site specific information and/or plans as may be required by the authorized officer.

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Formation	*Depth*	*Subsea*
Wasatch	3,715'	+2,700'
Mesa Verde	7,775'	-1,360'
Castlegate	10,025'	-3,610'
Blackhawk	10,265'	-3,850'
T.D.	11,915'	-5,500'

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

Substance	*Formation*	*Depth*
Gas	Wasatch	3,715'
Gas	Mesaverde	7,775'
Gas	Castlegate	10,025'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

PETROLEUM PERMITTING PERMITCO COMPANY

3. PRESSURE CONTROL EQUIPMENT

Gasco Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double with annular, 5000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

a. when initially installed;
b. whenever any seal subject to test pressure is broken
c. following related repairs; and
d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will 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 ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.

b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.

c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors,

including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).

c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)

d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.

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

f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.

g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.

j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.

l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

m. The proposed casing program will be as follows:

Purpose	*Depth*	*Hole Size*	*O.D.*	*Weight*	*Grade*	*Type*	*New/Used*
Conductor	0-225'	17-1/2"	13-3/8"	48#	H-40	- - -	New
Surface	0-3,000'	12-1/4"	9-5/8"	36#	J-55	ST&C	New
Production	0-11,915'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

n. Casing design subject to revision based on geologic conditions encountered.

o. The cement program will be as follows:

Conductor	*Type and Amount*
0-225'	225 sx Premium Type 5 @ 15.6 ppg, 1.18 yield Cement will be circulated to surface
Surface	***Type and Amount***
0-3,000'	Lead: 410 sx G Lite @ 11 ppg, 3.83 yield Tail: 185 sx Class 'G' @ 14.2 ppg, 1.28 yield Cement will be circulated to surface
Production	***Type and Amount***
2,500-11,915'	Lead: 725 sx Lite @ 13.0 ppg, 1.74 yield Tail: 1725 sx 50:50 Poz @ 14.1 ppg,1.28 yield

p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

r. The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:

   a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.

   b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

s. Auxiliary equipment to be used is as follows:

1. Kelly cock

2. No bit float is deemed necessary.

3. A sub with a full opening valve.

5. MUD PROGRAM

a. The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Mud Wt.	Visc.	F/L	PH
0 - 225'	Fresh Water	8.33	1	N/A	7
225' - 3,000'	Fresh Water	8.33	1	N/A	7-8
3,000' - 11,915'	Fresh Water/DAP	9.0-11.5	30-40	12-20	8

There will be sufficient mud on location to control a blowout should one occur.
A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

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

d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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

6. EVALUATION PROGRAM

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.
Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

b. The logging program will consist of a GR/SP/FDC/CNL from TD-3500' and a GR from TD-Surface.

c. No cores are anticipated.

d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases0 will be submitted when requested by the authorized officer (AO).

e. The anticipated completion program is as follows: Perform multistage fracs and complete all productive Mesaverde and Wasatch sands present in wellbore. Produce all zones together.

f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. ABNORMAL TEMPERATURES OR PRESSURES

a. The expected bottom hole pressure is 7113 psi. The maximum bottom hole temperature anticipated is 215 degrees F.

b. No hydrogen sulfide gas is anticipated. Abnormal Pressures will be controlled with mud weight and 5000# BOP and rotating head.

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

a. Drilling will commence August 15, 2004.

b. It is anticipated that the drilling of this well will take approximately 35 days.

c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.

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

e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 " 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 will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.

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

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

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

j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

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

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

m. A first production conference will be scheduled within 15 days after receipt of the first production notice.

n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final

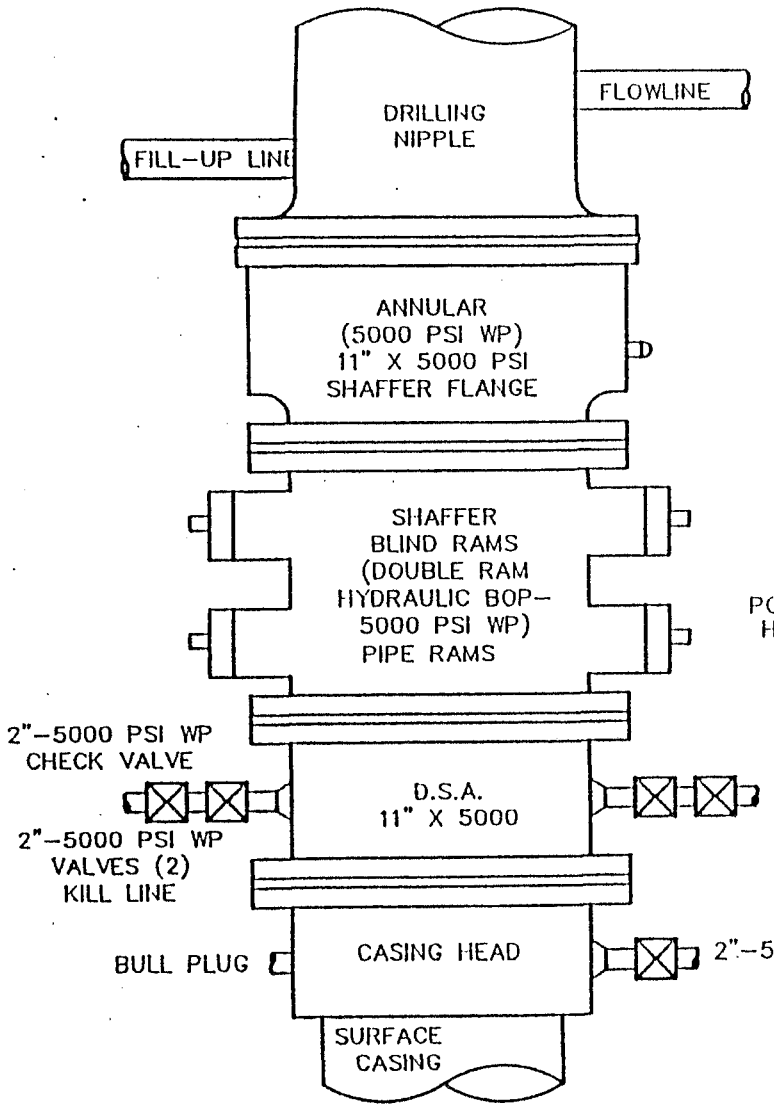
abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

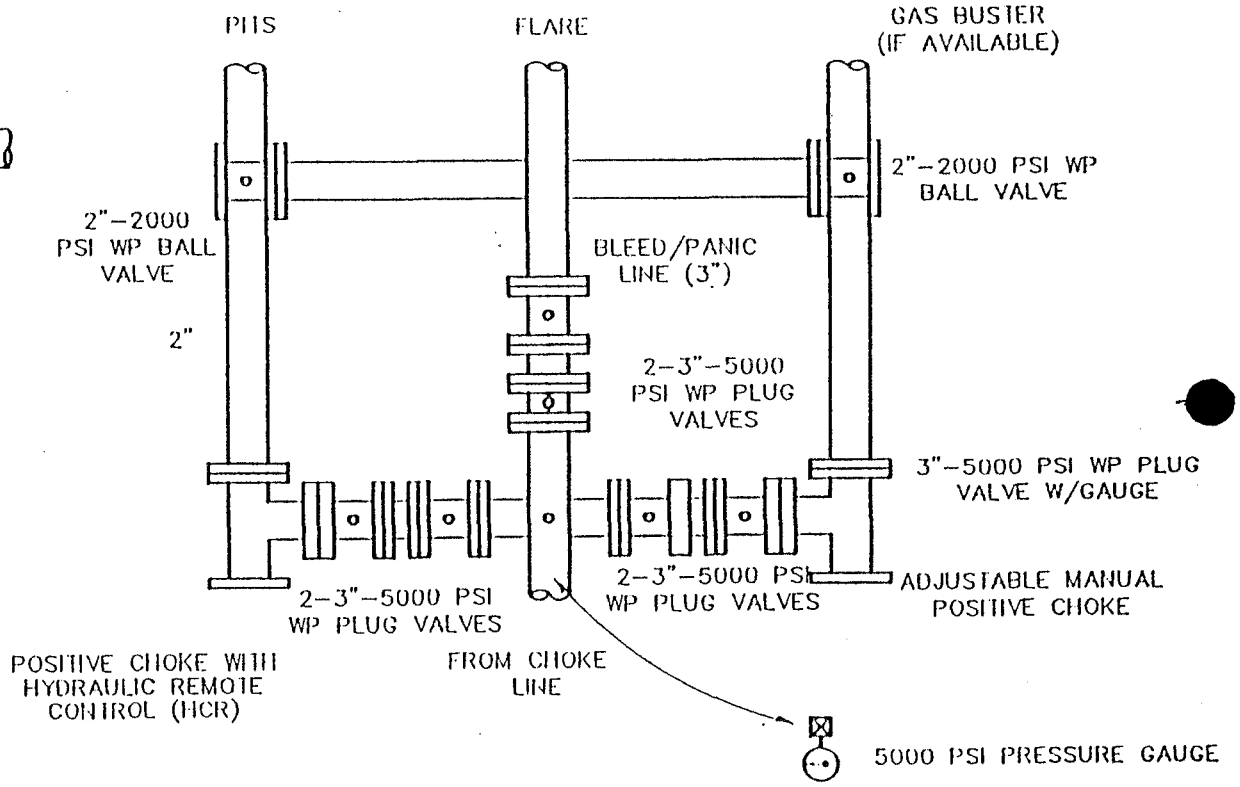
Bureau of Land Management 170 South 500 East Vernal, Utah 84078 Phone: 435/781-4400 Fax: 435/781-4410 After Hours:		
Ed Forsman	Petroleum Engineer	435/828-7874
Kirk Fleetwood	Petroleum Engineer	435/828-7875

PETROLEUM PERMITTING PERMITCO COMPANY

BOP SCHEMATIC
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKE MANIFOLD



THE HYDRAULIC CLOSING UNIT WILL BE LOCATED MORE THAN 30' FROM THE WELLHEAD. CHOKE AND BLEED/PANIC LINES WILL GO TO THE PIT AND FLARE. ALL CONNECTIONS IN CHOKE LINES AND MANIFOLD WILL BE FLANGED OR WELDED. ALL FLANGES SHOULD BE RING JOINT GASKET TYPE. ALL TURNS IN LINES SHALL BE CONSTRUCTED USING TARGETING 90° TEES OR ELLS. ALL LINES SHALL BE ANCHORED.

ONSHORE OIL & GAS ORDER NO. 1
NOTIFICATION REQUIREMENTS

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

The onsite inspection for the subject well site was conducted on Thursday, March 25, 2004 at approximately 4:40 p.m. Weather conditions were cool, windy and sunny. In attendance at the onsite inspection were the following individuals:

Stan Olmstead	Natural Resource Specialist	Bureau of Land Management
Lisa Smith	Permitting Agent	Permitco Inc.
Robert Kay	Land Surveyor	Uintah Engineering and Land Surveying

1. EXISTING ROADS

a. The proposed well site is located approximately 33.4 miles south of Myton, Utah.

b. Directions to the location from Myton, Utah are as follows:

Proceed in a southeasterly direction from Myton, Utah for approximately 1.5 miles along Highway 40. Turn left and proceed southerly for 1.6 miles to a fork in the road. Turn right and proceed southwesterly for approximately 24 miles to a fork in the road. Turn left and proceed southeasterly for 5 miles to a fork in the road. Turn left and proceed northeasterly for 1.3 miles. Turn left onto the new access (flagged) and proceed 100 feet to the location.

c. For location of access roads within a 2-Mile radius, see Maps A & B.

d. Improvement to existing main roads will not be required.

e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. PLANNED ACCESS ROADS

a. The entire road is an existing upgraded oilfield road. Only 100 feet of new construction will be necessary.

b. The maximum grade of the new construction will be approximately 2%.

c. No turnouts are planned.

d. No low water crossings or culverts will be necessary.

e. The last 100 feet of new access road was centerline flagged at the time of staking.

f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.

g. No cattle guards will be necessary.

h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

l. No road right of way will be necessary. All access is maintained by the Bureau of Land Management or is within the lease boundary.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.

(See Map "C")

a. Water wells - none

b. Injection wells - none

c. Producing wells - none

d. Drilling wells - none

e. Shut-in wells - none

f. Temporarily abandoned wells - none

g. Disposal wells -none

h. Abandoned wells - none

i. Dry Holes - none

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

c. For location of proposed production facilities, see Production Facility Diagram attached.

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

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

f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports

will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

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

h. Any necessary pits will be properly fenced to prevent any wildlife entry.

i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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

k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.

l. The road will be maintained in a safe useable condition.

m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.

n. Pipelines will follow the route shown on Map D. See Pipeline detail attached. A pipeline right of way and compressor facility application is attached.

5. LOCATION AND TYPE OF WATER SUPPLY

a. The proposed water source will be the Nebecker Water Service at the Nebecker Water Station in Myton. The Water Use Claim # is 43-1723.

b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.

c. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIAL

a. Surface and subsoil materials in the immediate area will be utilized.

b. Any gravel used will be obtained from a commercial source.

c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

d. No construction materials will be removed from Federal land.

7. METHODS OF HANDLING WASTE DISPOSAL

a. The reserve pit will be constructed so as not to leak, break, or allow discharge.

b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.

d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

e. Drill cuttings are to be contained and buried in the reserve pit.

f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.

g. A chemical porta-toilet will be furnished with the drilling rig.

h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. WELL SITE LAYOUT

a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.

b. The reserve pit will be located on the west side of the location.

c. The flare pit will be located on the north side of the reserve pit, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

d. The stockpiled topsoil (first six inches) will be stored on the east side of the location, between corners 2 and 8. Topsoil along the access route will be wind rowed on the uphill side.

e. Access to the well pad will be from the south as shown on the Pit & Pad Layout.

f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.

g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.

h. All pits will be fenced according to the following minimum standards:

1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.

3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.

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

i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

Producing Location

a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.

b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

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

d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The following seed mixture has been requested by the Bureau of Land Management.

Species	*Pounds PLS/Acres*
Shadscale	4
Needle and Thread	4
Galletta grass	4
TOTAL	12

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.

Dry Hole

g. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

12. OTHER INFORMATION

a. A Class III archeological survey has been conducted by Grand River Institute. No significant cultural resources were found and clearance is recommended. A copy of this report is attached.

b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.

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

f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.

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

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

i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.

j. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.

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

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

Permit Matters

PERMITCO INC.
14421 County Road 10
Ft. Lupton, CO 80621
303/857-9999 (O)
303/857-0577 (F)
Lisa Smith

Drilling & Completion Matters

GASCO Production Company
14 Inverness Drive East, Suite H-236
Englewood, CO 80112
John Longwell
303/483-0044 (O)
303/ 483-0011(F)

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, true and correct; and, that the work associated with the operations proposed herein will be performed by GASCO Production Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

June 28, 2004
Date:

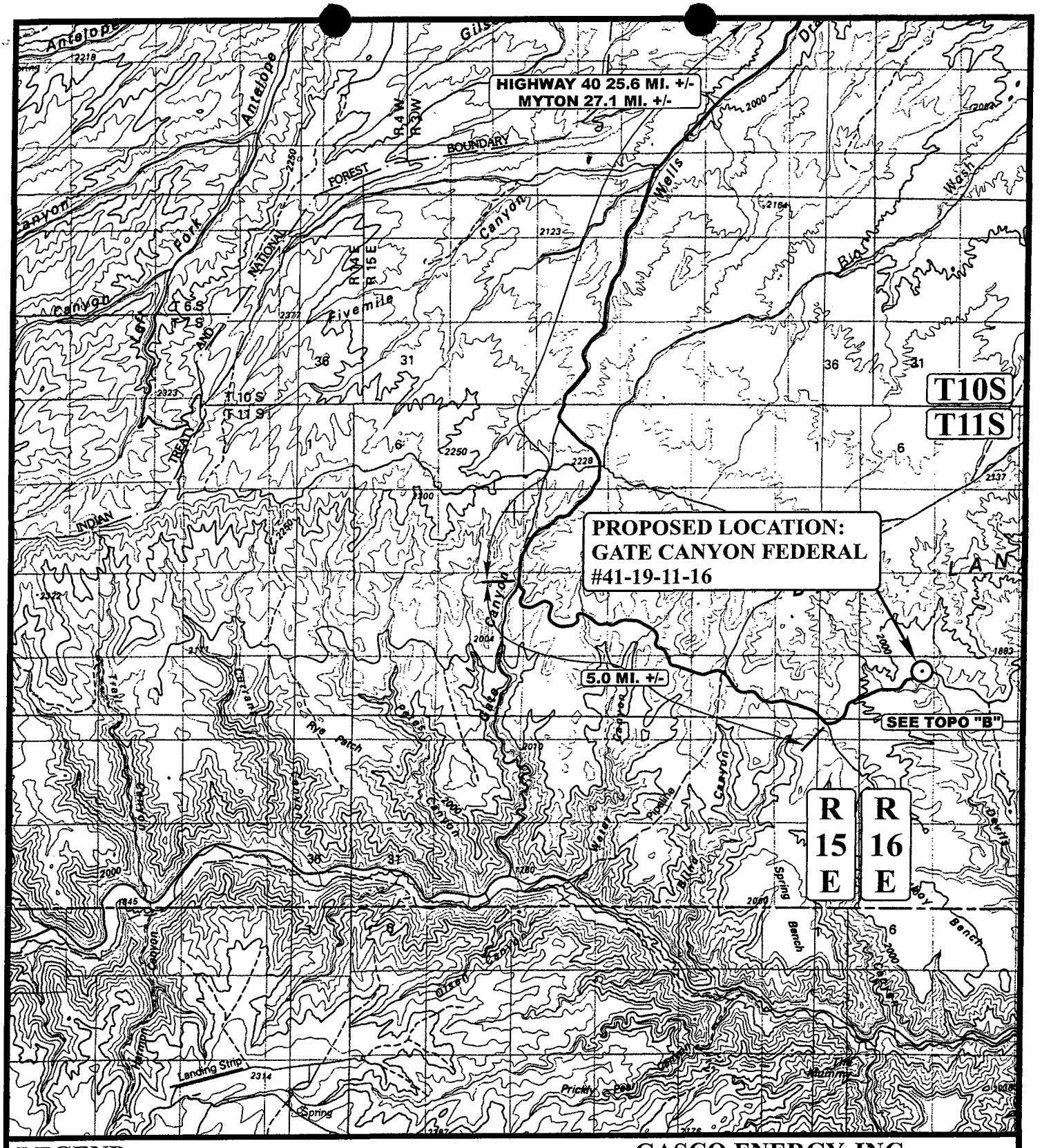
Lisa L. Smith
Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
GASCO Production Company

PIPELINE INFORMATION

Gate Canyon Federal #41-19-11-16

1. The type of pipeline is a gathering line.
2. The outside diameter (O.D.) of all will be 8-5/8 inches.
3. The anticipated production through the line is approximately 2000 MCF per day.
4. The anticipated maximum test pressure is 1000 psi.
5. The anticipated operating pressure is 850 psi.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. There are no other pipelines to be associated in same right of way.
9. There are no other objects to be associated in the same right of way.
10. The total length of pipeline is approximately 15,300 feet - see Map D.
11. The line will be laid on the surface adjacent to the existing improved road as shown on Map D.
12. The pipeline will be laid on the surface and will not be buried. There are no road crossings.
13. The construction width needed for the pipeline (total surface disturbing activities) is 30 feet. The compressor pad is 95' X 195'.
14. The estimated total acreage involving all surface disturbing activities for the pipeline is 10.5 acres. The acreage disturbance for the compressor pad is .43 acres.
15. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.

PETROLEUM PERMITTING
PERMITCO
COMPANY



LEGEND:

⊙ PROPOSED LOCATION

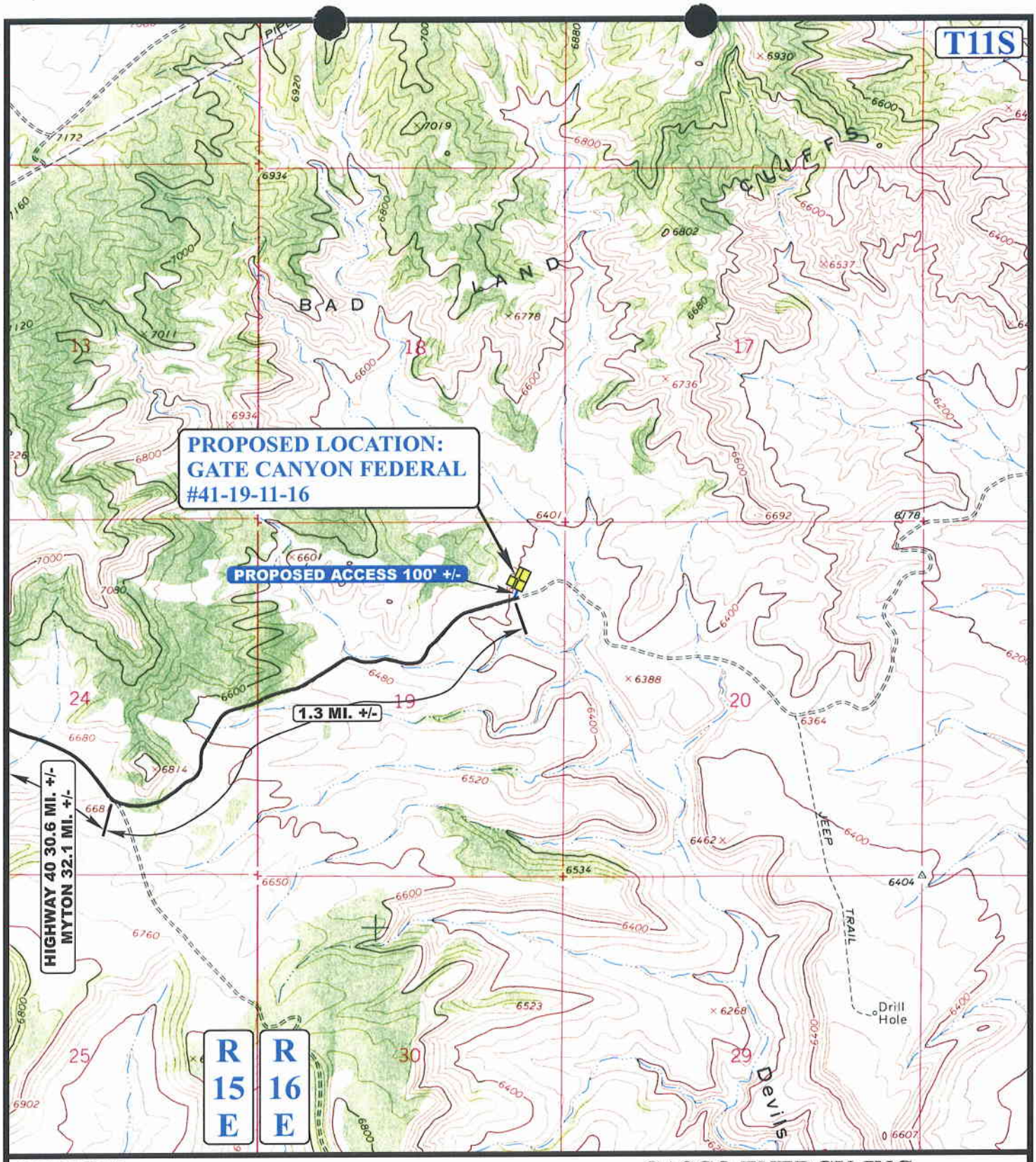
N

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	23 DAY	04 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

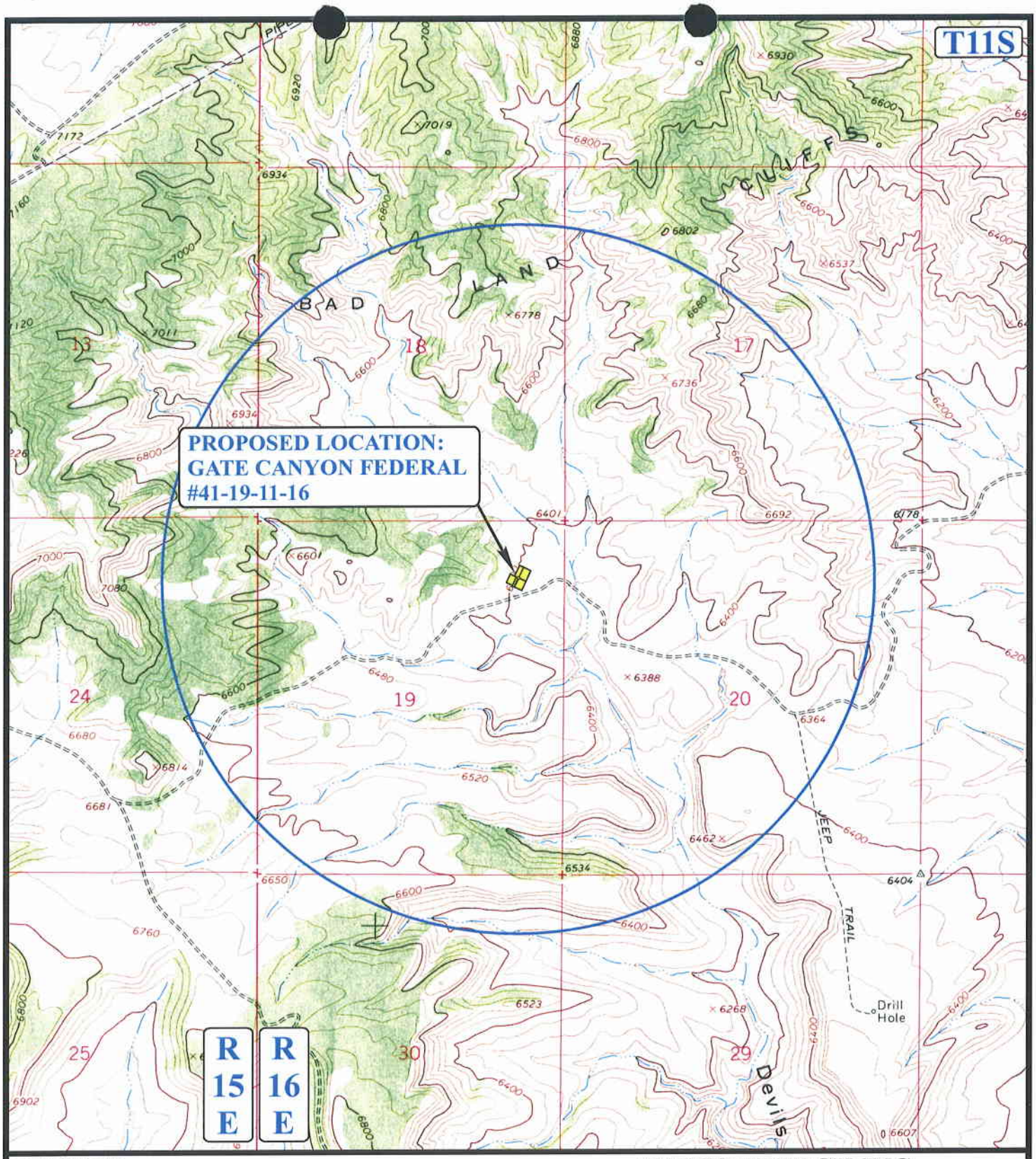
N

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	23 DAY	04 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

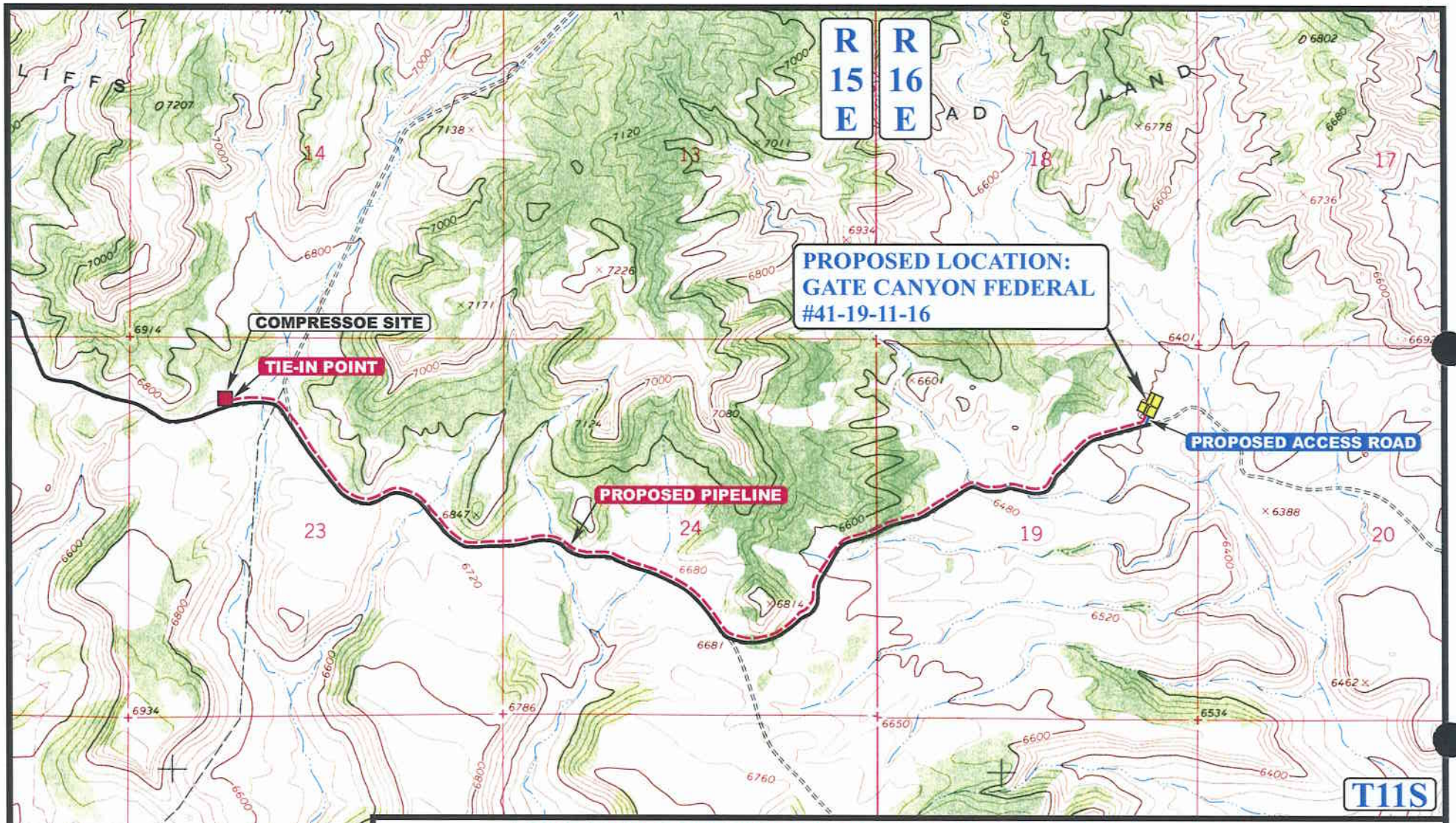
N

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	23 DAY	04 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 15,300' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	23 DAY	04 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		

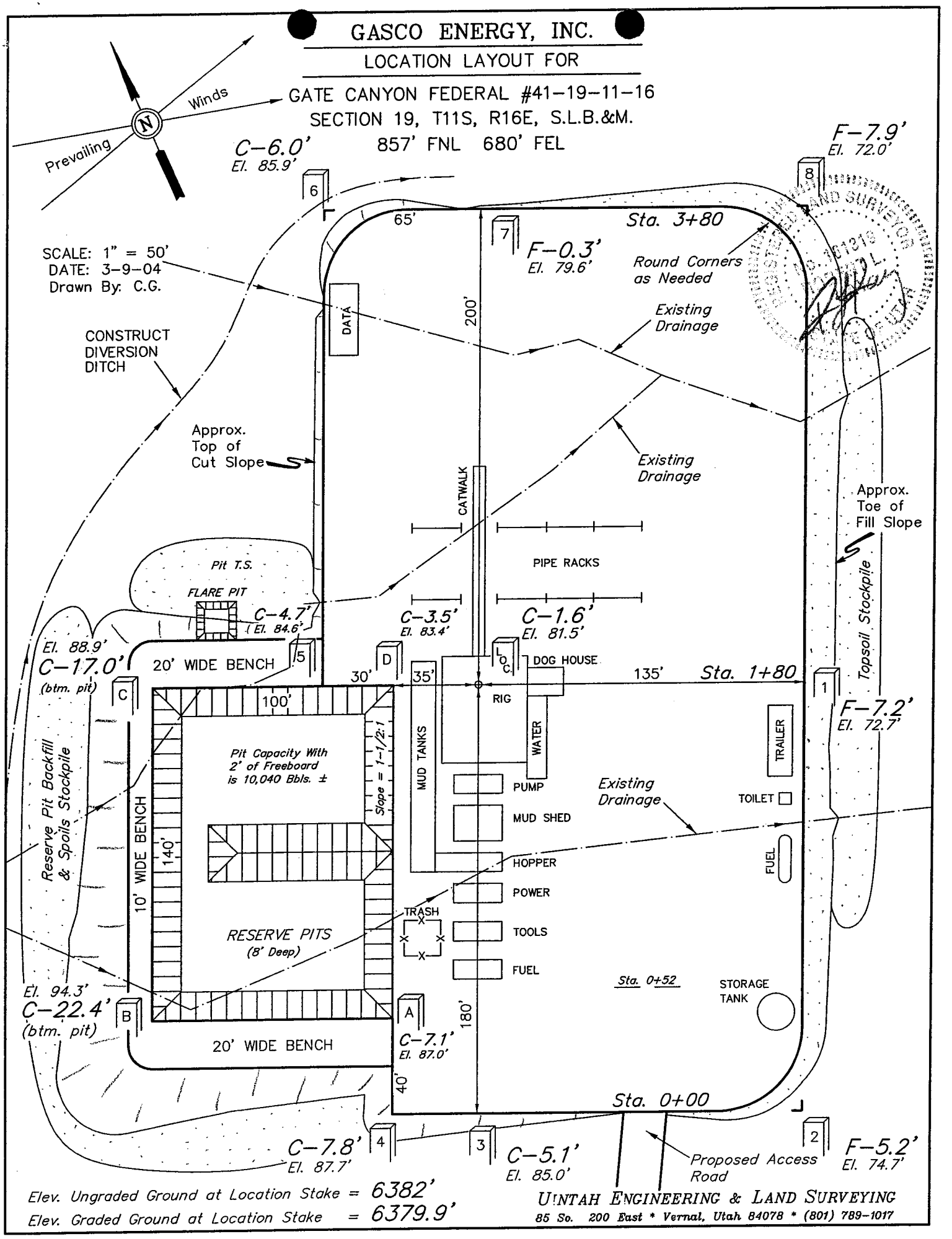
GASCO ENERGY, INC.

LOCATION LAYOUT FOR

GATE CANYON FEDERAL #41-19-11-16

SECTION 19, T11S, R16E, S.L.B.&M.

857' FNL 680' FEL



Elev. Ungraded Ground at Location Stake = 6382'

Elev. Graded Ground at Location Stake = 6379.9'

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

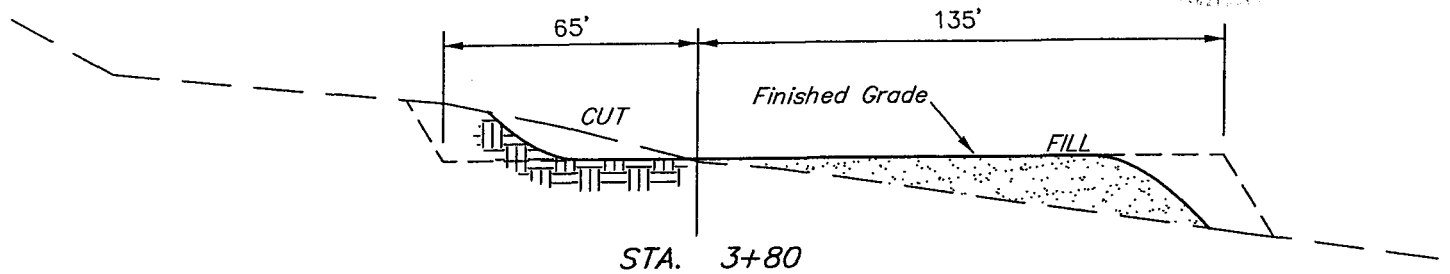
GASCO ENERGY, INC.

TYPICAL CROSS SECTIONS FOR

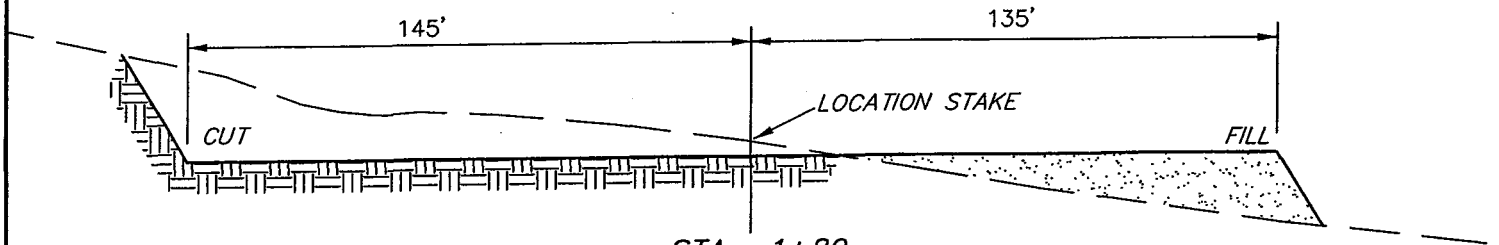
GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

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

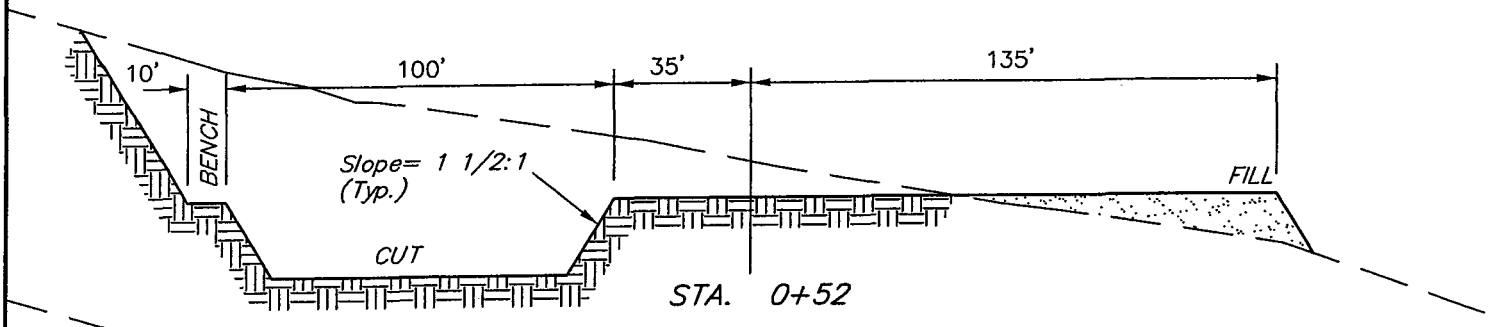
DATE: 3-9-04
Drawn By: C.G.



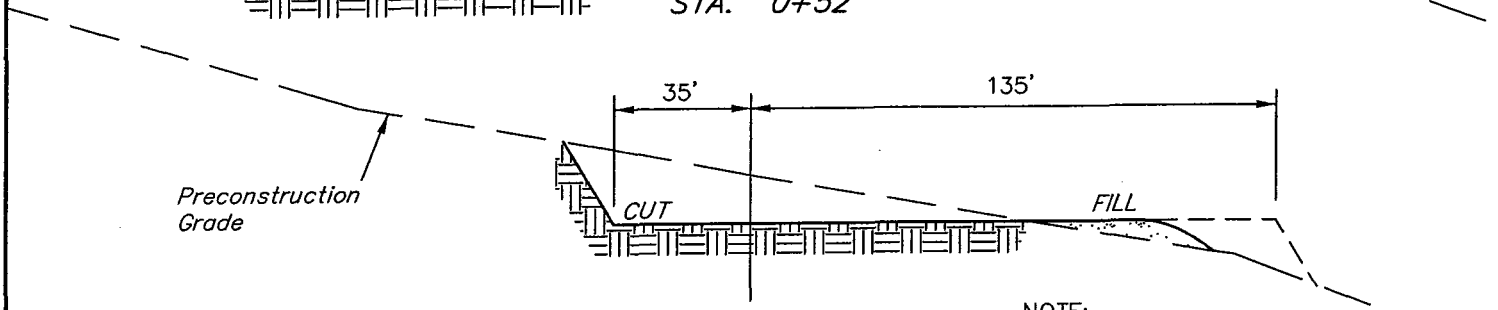
STA. 3+80



STA. 1+80



STA. 0+52



STA. 0+00

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	2,000 Cu. Yds.
Remaining Location	=	12,350Cu. Yds.
TOTAL CUT	=	14,350 CU.YDS.
FILL	=	8,370 CU.YDS.

EXCESS MATERIAL	=	5,980 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	2,420 Cu. Yds.

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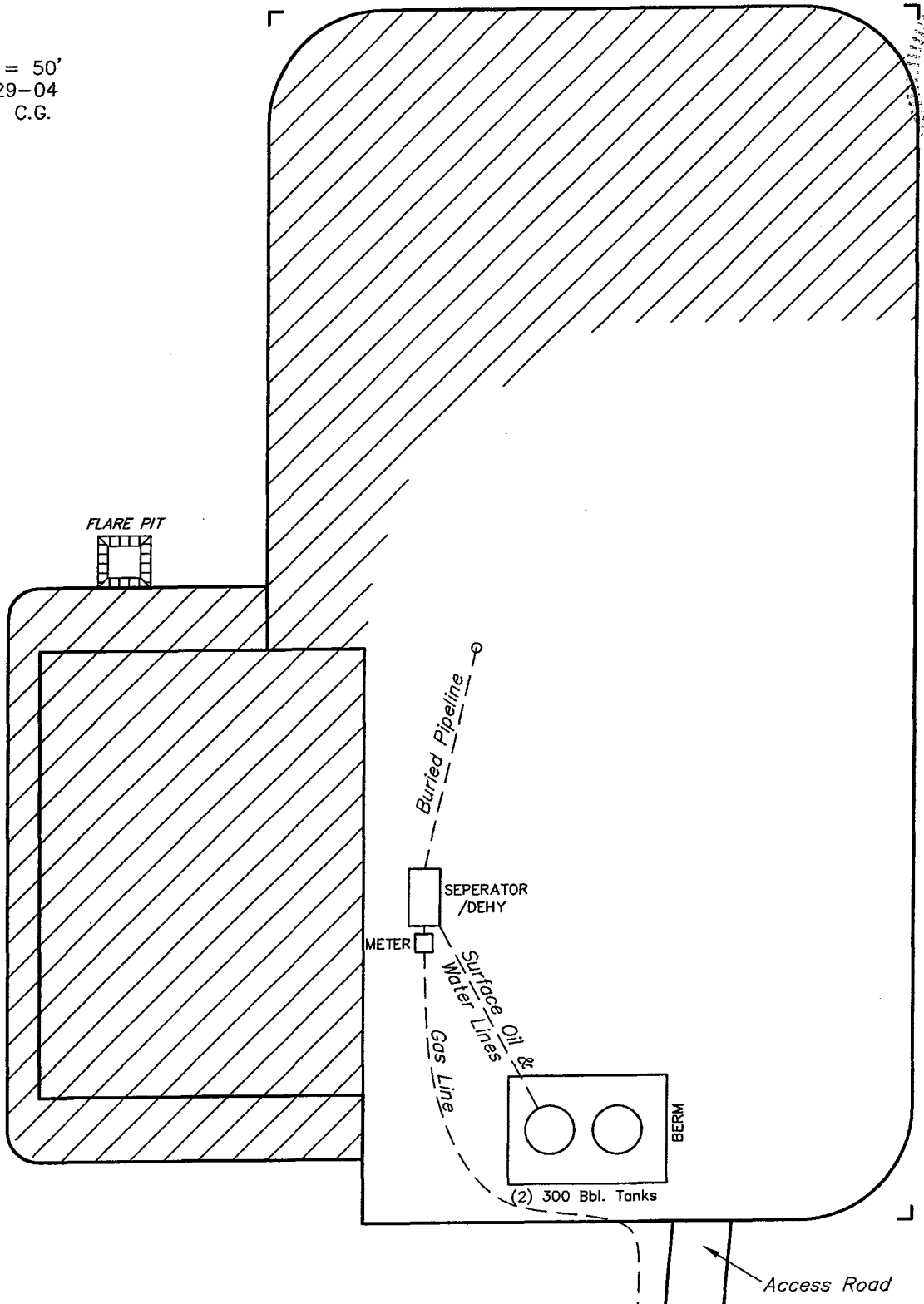
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

GASCO ENERGY, INC.

PRODUCTION FACILITY LAYOUT FOR

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

SCALE: 1" = 50'
DATE: 3-29-04
Drawn By: C.G.



RE-HABED AREA

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

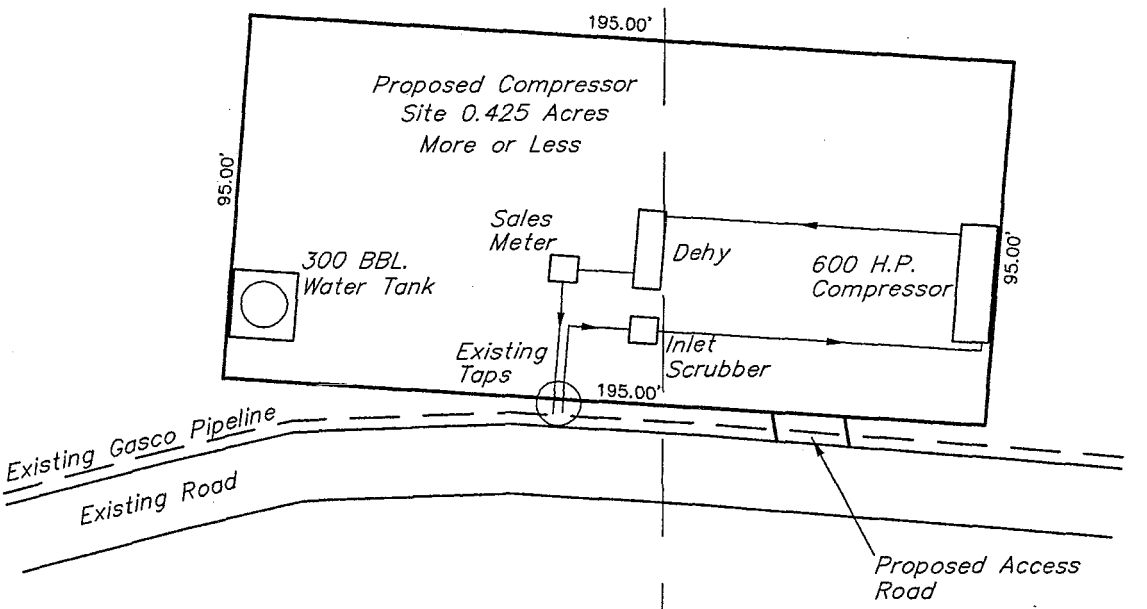
GASCO ENERGY, INC.

TYPICAL LAYOUT FOR

COMPRESSOR SITE
SECTION 23, T11S, R15E, S.L.B.&M.
NW 1/4

SCALE: 1" = 50'
DATE: 3-9-04
Drawn By: C.G.
Revised: 6-14-04
Revised: 6-21-04

Note:
Proposed Compressor
Corners Not Set On Ground.



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

FEDERAL STIPULATIONS

Any wildlife stipulations that pertain to this lease will be attached as a Conditional of Approval by the Bureau of Land Management.

PETROLEUM PERMITTING
PERMITCO
COMPANY

UTAH STATE COVER PAGE

Must Accompany All Project Reports
Submitted to Utah SHPO

Project Name: **Class III cultural resources inventory of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah, for Gasco, Inc.**

State Proj. No. **U04-GB-0130bs**

Report Date: **31 March 2004** County(ies): **Uintah**

Principal Investigator: **Carl E. Conner** Field Supervisor(s): **Carl E. Conner**

Records search completed at: **BLM Vernal/UDSH** Record search date(s): **03/24 and 29/2004**

Acreage Surveyed ~ Intensive: **64.5 acres (BLM 54.5, State 10.0)** Recon/Intuitive: **0 acres**

7.5' Series USGS Map Reference(s): **Cowboy Bench 1968**

Sites Reported	**Count**	**Smithsonian Site Numbers**
Archaeological Sites Revisits (no inventory form update)	0	
Revisits (updated IMACS site inventory form attached)	0	
New recordings (IMACS site inventory form attached)	2	42DC1679, 42DC1680
Total Count of Archaeological Sites	2	42DC1679, 42DC1680
Historic Structures (USHS 106 site info form attached)	0	
Total National Register Eligible Sites	0	

----------Checklist of Required Items----------

1. X Copy of the Final Report
2. X Copy of 7.5' Series USGS Map with Surveyed/Excavated Area Clearly Identified.
3. Completed IMACS Site Inventory Forms, Including
   - X Parts A and B or C, X The IMACS Encoding Form,
   - X Site Sketch Map, X Photographs
   - X Copy of the appropriate 7.5' Series USGS Map w/ the Site Location Clearly Marked and Labeled with the Smithsonian Site Number
4. X Completed "Cover Sheet" Accompanying Final Report and Survey Materials (Please make certain all of your checked items are attached.)

Form UT-8100-3
(December 2000)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE

Summary Report of Cultural Resources Inspection

Project No.: U04-GB-0130bs
[GRI Project No. 2407]

1. Report Title: **Class III cultural resources inventory of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah**

2. Report Date: **03/31/2004** 3. Date(s) of Survey: **29th - 30th March 2004**

4. Development Company: **Gasco, Inc.**

5. Responsible Institution: **BLM Vernal Office**

6. Responsible Individuals Principal Investigator: Field Supervisor: **Carl E. Conner**

   Report Author(s): **Carl E. Conner**

7. BLM Field Office: **Vernal Field Office**

8. County(ies): **Duchesne**

9. Fieldwork Location: **T. 11 S., R. 15 E., Sections 16, 23, and 24; and, T. 11 S., R. 16 E., Section 19; S.L.B.M.**

10. Record Search:

    Location of Records Searched for BLM: **BLM Vernal/UDSH** Date: **03/24 and 29/2004**

11. Description of Proposed Project: **Two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route**

12. Description of Examination Procedures: **Class III, 100% pedestrian, cultural resources survey of the 10-acre blocks were made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related linear route not included within the 10-acre study plots was surveyed by walking four parallel transects spaced at 10m intervals and centered on the flagged line to cover a corridor 100 feet wide. A total of about 64.5 acres (BLM 54.5, State 10.0) was intensively surveyed.**

13. Area Surveyed:		BLM	OTHER FED	STATE	PRI.
Linear Miles	Intensive:	**2.85 miles**			
	Recon/Intuitive:				
Acreage	Intensive:	**20 acres**		**10 acres**	
	Recon/Intuitive:				

14. Sites Recorded:

Smithsonian Site Numbers		#	BLM	OTHER FED	STATE	PRI.
Revisits	NR Eligible	0				
(no IMACS form)	Not Eligible	0				
Revisits	NR Eligible	0				
updated IMACS)	Not Eligible	0				
New Recordings	NR Eligible	0				
	Not Eligible	2	42DC1680		42DC1679	
Total Number of Archaeological Sites		**2**	42DC1680		42DC1679	
Historic Structures (USHS Form)		**0**				
Total National Register Eligible Sites		**0**				

15. Description of Findings: (see attached report) **No significant historic properties were identified within the areas of direct impact.**

16. Collection Yes **No**

(If Yes) Curation Facility: Accession Number(s):

17. Conclusion/Recommendations: **Clearance is recommended.**

Class III Cultural Resource Inventory Report
on
Two Proposed Gate Canyon Well Locations, Compressor Site, and Pipeline Route
[State #23-16-11-15 and Fed. #41-19-11-16]
in Duchesne County, Utah
for
Gasco, Inc.

Declaration of Positive Findings

GRI Project No. 2407

31 March 2004

Prepared by

Grand River Institute
P.O. Box 3543
Grand Junction, Colorado 81502
BLM Antiquities Permit No. 03UT-54939 [04UT54939]
UDSH Project Authorization No. U04-GB-0130bs

Carl E. Conner

Carl E. Conner, Principal Investigator

Submitted to

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

Abstract

Grand River Institute conducted a Class III cultural resources inventory for Gasco, Inc. of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah, under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U04-GB-0130bs. This work was done to meet requirements of Federal and State laws that protect cultural resources.

Files searches conducted through the BLM Vernal District Office (BLM) and through UDSH indicated no sites were previously recorded in the project areas. Field work was performed on the 29th and 30th of March 2004. A total of about 64.5 acres (BLM 54.5, State 10.0) was inspected. As a result, two historic sheep camps (42DC1679 and 42DC1680) were recorded. Both were field evaluated as non-significant and not eligible for listing on the National Register of Historic Places. Accordingly, archaeological clearance is recommended for the proposed wells, compressor site, and pipelines.

Table of Contents

List of Figures and Tables

Introduction

At the request of Gasco, Inc. and the Bureau of Land Management Vernal District Office (BLM), Grand River Institute (GRI) conducted a Class III cultural resources inventory for Gasco, Inc. of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah. This work was conducted under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U04-GB-0130bs. A files search was conducted at BLM and through Utah Division of State History (UDSH). Field work was performed on March 29th and 30th. A total of about 64.5 acres (BLM 54.5, State 10.0) was inspected. The file searches, survey and report were completed by Carl E. Conner (Principal Investigator) and Barbara J. Davenport of GRI.

The survey was done to meet requirements of the Federal Land Policy and Management Act of 1976, the National Historic Preservation Act as amended in 1992, and the National Environmental Policy Act (NEPA) of 1969. These laws are concerned with the identification, evaluation, and protection of fragile, non-renewable evidences of human activity, occupation and endeavor reflected in districts, sites, structures, artifacts, objects, ruins, works of art, architecture, and natural features that were of importance in human events. Such resources tend to be localized and highly sensitive to disturbance.

Location of Project Area

The study area's discrete units lie roughly 28.0 miles south of Myton, Utah, in Duchesne County. The proposed wells, compressor site and pipeline route are located in T. 11 S., R. 15 E., Sections 16, 23, and 24; and, T. 11 S., R. 16 E., Section 19; S.L.B.M. (Figures 1 and 2). Table 1 provides a summary of the well locations and linear routes.

Table 1. List of well locations and linear routes.

Well Designation	Linear routes	Location
State # 23-16-11-15	[associated pipeline route previously inventoried]	T. 11 S., R. 15 E., Sections 16
Fed. #41-19-11-16	2.85 mile pipeline route	T. 11 S., R. 16 E., Section 19 NE NE; T. 11 S., R. 15 E., Sections 23 and 24
Compressor Site	[Same as above]	T. 11 S., R. 15 E., Sections 23

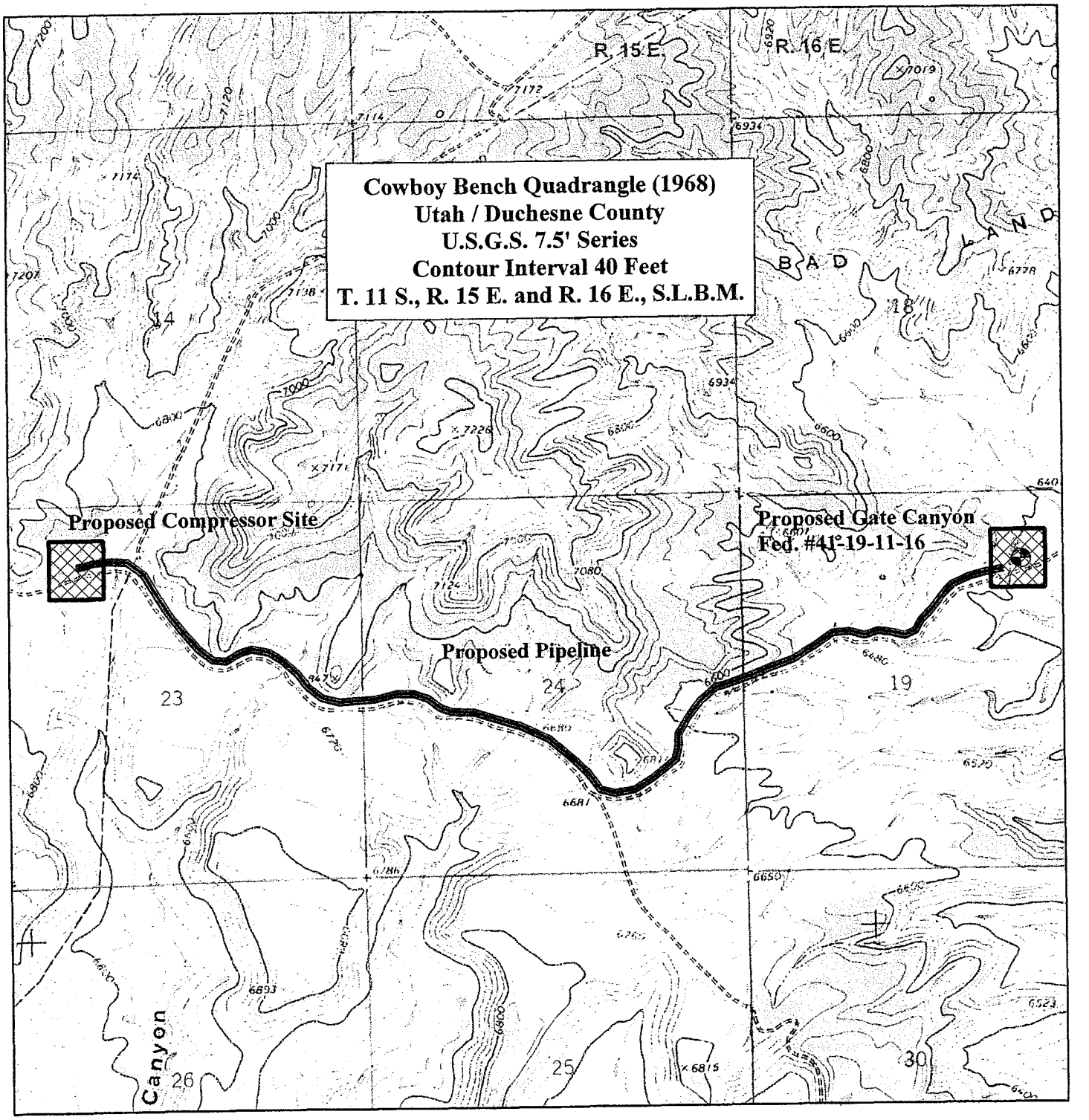


Figure 1. Project location map (1 of 2) for the Class III cultural resources inventory for Gasco, Inc. of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah. Areas inventoried are highlighted. [GRI Project No. 2407, U04-GB-130b,s]

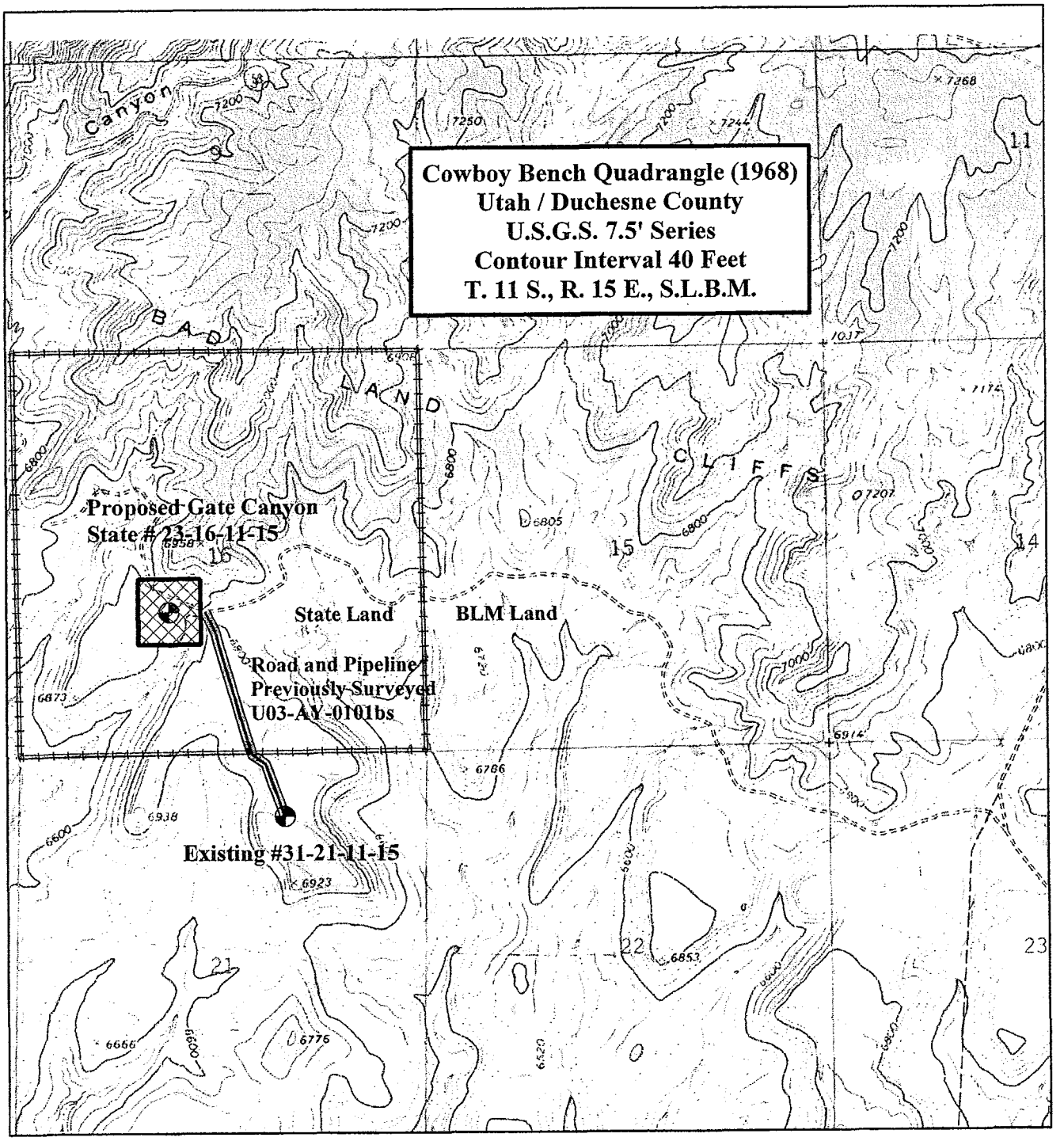


Figure 2. Project location map (2 of 2) for the Class III cultural resources inventory for Gasco, Inc. of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah. Areas inventoried are highlighted. [GRI Project No. 2407, U04-GB-130b,s]

Environment

The project areas are within the major geologic subdivision of the Colorado Plateau known as the Uinta Basin Section. In Utah, this section extends from the Uinta Mountains on the north to the Book Cliffs on the south. It is a broad downwarp into which Quaternary- and Tertiary-age deposits were made from the surrounding mountains which include Holocene and Pleistocene pediment deposits, and Eocene-age fluvial and lacustrine sedimentary rocks (Rigby 1976:xi). Physiographically, the basin includes the Uinta basin in the north portion and the Book Cliffs/Roan Plateau in the south portion.

Physiographically, the project is situated on the southern slopes of the Bad Land Cliffs. The Bad Land Cliffs are located along the extreme northern edge of the Bookcliffs and Roan Plateau. The Bad Land Cliffs is a steep south-facing escarpment at the southern edge of the Uinta Basin and consists of two parts, the Upper Roan Cliffs which are Eocene age, and the lower Book Cliffs which are Cretaceous age. This plateau backslope is commonly named the West Tavaputs Plateau. The terrain is characterized as bench land cut by dendritic washes, which flow seasonally. The immediate project area is drained by Gate Canyon, Water Canyon, and Blind Canyon. These have steep walls with clay and shale exposures, and benches of sandstone.

Elevations in the project area range from 6400-to-6800 feet. Vegetation is mixed shadscale desert community and sparse pinyon-juniper woodland. Regional faunal inhabitants include deer, antelope, elk, black bear, coyote, mountain lion, cottontails, jack rabbits, and various raptores.

A cool, mid-latitude steppe climate prevails. Annual precipitation of this elevation range is between 8 and 12 inches. Temperatures range from 100°F in the summer to -40°F in January. Paleoenvironmental data are scant, but it is generally agreed that gross climatic conditions have remained fairly constant over the last 12,000 years. However, changes in effective moisture, and cooling-warming trends probably affected the prehistoric occupation of the region.

Files Search

Files searches were conducted through BLM and UDSH on March 24th and March 29th. Previous projects in the areas near the proposed wells and pipeline include U93BL-205b, U03AY-100b, and U03AY-101b,s. The latter one includes the area for the proposed pipeline to the State #23-16-11-15. Only one site, 42DC772, has been previously recorded near the survey areas. It is located approximately 300 feet west of the proposed Gate Canyon compressor's 10-acre study area west boundary. The following description was extrapolated from the original report and IMACS form:

Site 42DC772 was recorded during a survey for a building stone sale area by H.B. Phillips (Archaeologist, U.S., BLM, Vernal District Office) under Utah Project number U-93-BL-205(b). It was recorded as a "Pitch Acquisition" site with ethnographic significance, and covers approximately two acres. It consists of a dozen or more trees that exhibit intentional bark and cambium removal. Clifford Duncan (Uintah-Ouray Ute Tribal Elder) believes that such scared trees represent Protohistoric/Historic Ute activities. This site was field evaluated as significant and eligible for nomination and inclusion to the National Register of Historic Places (NRHP).

Regional archaeological studies suggest nearly continuous human occupation of northeastern Utah for the past 12,000 years. Evidence of the Paleoindian Tradition, the Archaic Tradition, Fremont Culture, and Protohistoric/Historic Utes has been found. Historic records suggest occupation or use by EuroAmerican trappers, settlers, miners, and ranchers as well. Overviews of the prehistory and history of the region are provided in the Utah BLM Cultural Resource Series No. 11, Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah with a Regional Predictive Model for Site Locations (Chandler and Larralde 1980).

Study Objectives

The purpose of the study was to identify and record all cultural resources within the areas of potential impact and to assess their significance and eligibility to the National Register of Historic Places (NRHP). The statements of significance included in this report are field assessments made in support of recommendations to the BLM and State Historic Preservation Officer (SHPO), and the final determination of site significance is made by the BLM in consultation with the SHPO.

Paleontological resources were also considered in the inspection. However, a final evaluation of those resources must be provided by a paleontologist permitted by Utah.

Field Methods

A Class III, 100% pedestrian, cultural resources survey of the proposed well locations and compressor site was made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related pipeline route not included within the 10-acre study plots were surveyed by walking four parallel transects spaced at 10m intervals and centered on the flagged lines to cover corridors 100 feet wide. A total of about 64.5 acres was intensively surveyed.

Cultural resources were sought as surface exposures and were characterized as sites or isolated finds. Sites were defined by the presence of six or more artifacts and/or

significant feature(s) indicative of patterned human activity. Isolated finds were defined by the presence of 1 to 5 artifacts apparently of surficial nature. Cultural resources encountered were to be recorded to standards set by the Preservation Office of the Utah Division of State History (UDSH).

The basic approach to the data collection was the continuous mapping of observed artifacts and features by recording UTM coordinates (NAD 83 Datum) using a Trimble Geo XT. Site maps were created using corrected data and ARCMAP. Photographs were taken at each site and included general views and specific artifacts or features. Field notes and photo negatives are filed at Grand River Institute, while the photographs are submitted to the BLM and UDSH. No artifacts were collected.

Study Findings and Management Recommendations

As expected, cultural resources were encountered during the survey. Since site 42DC772 lies outside the project area and will not be adversely affected by the proposed construction, it was given no further consideration by this project. Two historic, Euro-American, herder camps (42DC1679 and 42DC1680) were recorded. This portion of the report presents a discussion of site significance evaluation, describes the sites and provides their field evaluations. Appendix A contains the resources' location data and the IMACS site forms.

Site Significance

The National Historic Preservation Act of 1966 (NHPA) directs federal agencies to ensure that federally-initiated or authorized actions do not inadvertently disturb or destroy significant cultural resource values. Significance is a quality of cultural resource properties that qualifies them for inclusion in the NRHP. The statements of significance included in this report are field assessments to support recommendations to the BLM and State Historic Preservation Officer (SHPO). The final determination of site significance is made by the controlling agencies in consultation with the SHPO and the Keeper of the Register.

The Code of Federal Regulations was used as a guide for the in-field site evaluations. Titles 36 CFR 50, 36 CFR 800, and 36 CFR 64 are concerned with the concepts of significance and (possible) historic value of cultural resources. Titles 36 CFR 65 and 36 CFR 66 provide standards for the conduct of significant and scientific data recovery activities. Finally, Title 36 CFR 60.6 establishes the measure of significance that is critical to the determination of a site's NRHP eligibility, which is used to assess a site's research potential:

> The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, materials, workmanship, feeling, and

association, and **a)** that are associated with events that have made a significant contribution to the broad patterns of history; or **b)** that are associated with the lives of persons significant in our past; or **c)** that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or **d)** that have yielded, or may be likely to yield, information important in the prehistory or history.

Site Descriptions

Site **42DC1679** is a series of historic Euro-American, herder camps identified by clusters of cans situated near or around sandstone clast stove bases and/or ash-stained soils. The average elevation of the site is 6800 feet and vegetation on site is a sparse, old pinyon-juniper woodland mixed with a shadscale community. The artifact clusters are distributed across an area that measures approximately 150 meters (E-W) by 45 meters. Typical of these camps are scatters of rusted cans including hole-in-top, bean, tobacco, syrup, and coffee types. Three sandstone clast stove bases were identified which may indicate the number of camp localities. Several of the camps had cut pieces of wood located near the stove bases.

Evaluation and Management Recommendation

This site is unlikely to contribute additional significant information concerning the historic occupation/use of Northeastern Utah. Accordingly, it is field evaluated as non-significant and not eligible for listing on the National Register of Historic Places. No further work is recommended.

Site **42DC1680** is a single, historic Euro-American, herder camp. The average elevation of the site is 6740 feet and vegetation on site is a sparse, old pinyon-juniper woodland mixed with a shadscale community. The artifacts are distributed across an area that measures approximately 50 meters (NW-SE) by 10 meters. The site consists of a sandstone clast stove base associated with two flattened pieces of stove pipe, a cluster of cans and a low density distribution of several others. Typical of these camps, these cans include hole-in-top, bean, tobacco, syrup, and coffee types.

Evaluation and Management Recommendation

This site is unlikely to contribute additional significant information concerning the historic occupation/use of Northeastern Utah. Accordingly, it is field evaluated as non-significant and not eligible for listing on the National Register of Historic Places. No further work is recommended.

Summary of Site Evaluations and Management Recommendations

The eligibility determination and consultation process is guided by Section 106 of the NHPA (36 CFR 60, 63, and 800). Inventory to identify, evaluate, and mitigate potential effects to cultural resources affected by an undertaking is the first step in the Section 106 process. BLM actions cannot be authorized until the Section 106 process is completed (36 CFR 800.3). In brief, the inventory recorded two historic herder camps. Neither were considered significant resources and are field evaluated as not eligible for nomination to the National Register of Historic Places. Accordingly, archaeological clearance is recommended for the proposed wells, compressor site, and pipeline.

References

Larralde, Signa L. and Susan M. Chandler
1980 Archaeological inventory in the Seep Ridge Cultural Study Tract, Uintah County, Utah. In: Utah BLM Cultural Resource Series No. 11. Bureau of Land Management, Salt Lake City.

Rigby, J. Keith
1976 Northern Colorado Plateau. Kendall/Hunt Publishing Company. Dubuque.

APPENDIX A: Cultural Resources Location Data and IMACS Forms

Table A-1. Location data for newly recorded sites.

Site Number	Site Type	UTM Location (Zone 12)
42DC1679	Historic herder camp	564980mE; 4411980mN
42DC1680	Historic herder camp	568395mE; 4410780mN

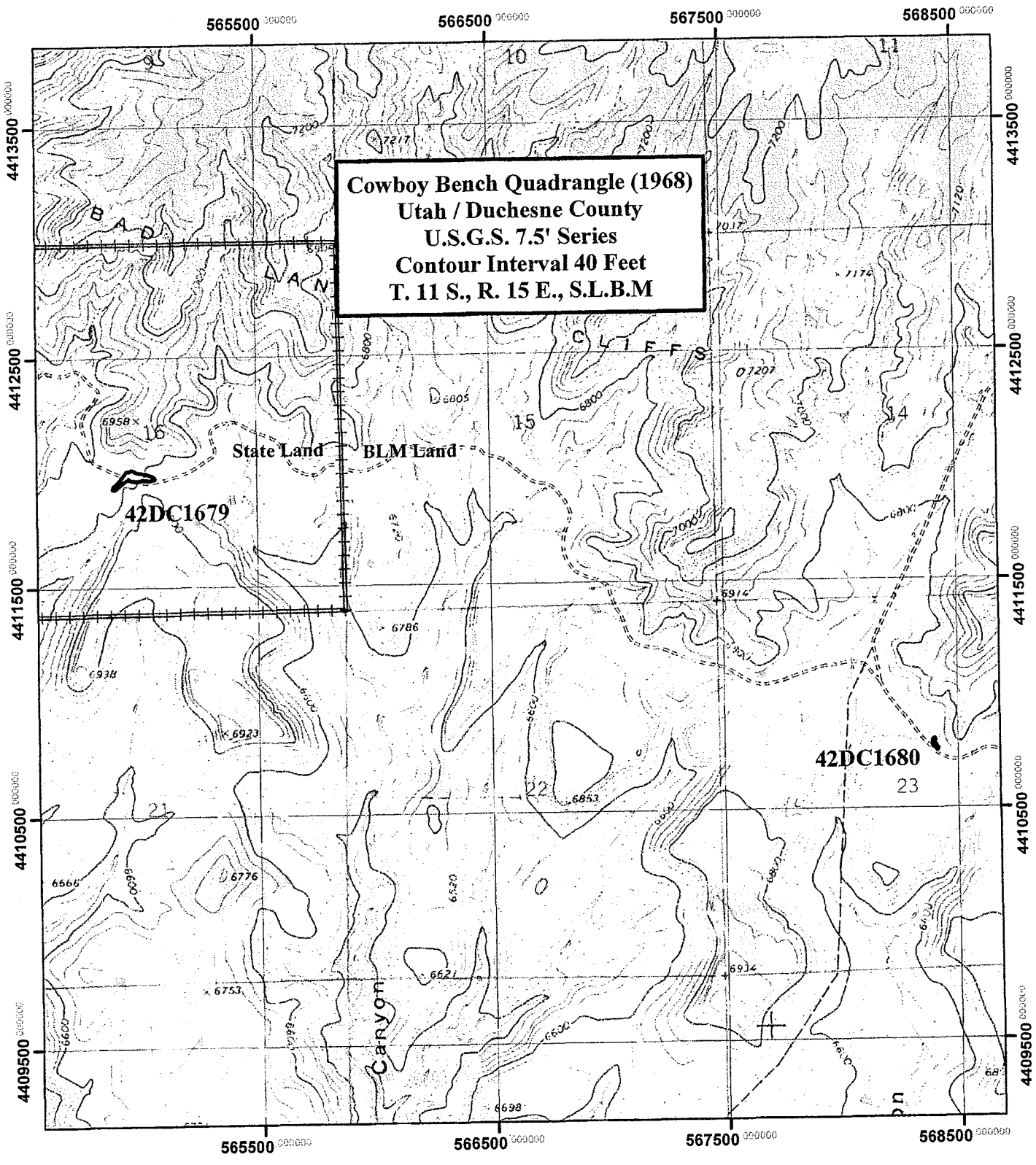


Figure A-1. Cultural resources location map for the Class III cultural resources inventory of two proposed Gate Canyon well locations (State #23-16-11-15 and Fed. #41-19-11-16), a compressor site, and a pipeline route in Duchesne County, Utah, for Gasco, Inc. Sites 42DC1679 and 42DC1680 are indicated. [GRI Project No. 2407, U04-GB-130b,s]

STANDARD FORM 299 (1/99)
Presented by DOI/USDA/DOT
P.L. 96-487 and Federal
Register Notice 5-22-95

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS AND FACILITIES ON FEDERAL LANDS

FORM APPROVED
OMB NO. 1004-0060
Expires: December 31, 2001

FOR AGENCY USE ONLY
Application Number
Date filed

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

1. Name and address of applicant *(include zip code)*

Gasco Production Company
14 Inverness Drive East, Suite H-236
Englewood, CO 80112

2. Name, title, and address of authorized agent if different from Item 1 *(include zip code)*

PermitCo Inc. - Lisa L. Smith, President
14421 County Road 10
Ft. Lupton, CO 80621

3 TELEPHONE (area code)
Applicant **303-483-0044**
Authorized Agent **303/857-9999**

4. As applicant are you? *(check one)*
   - a. ☐ Individual
   - b. ☒ Corporation *
   - c. ☐ Partnership/Association *
   - d. ☐ State Government/State Agency
   - e. ☐ Local Government
   - f. ☐ Federal Agency

   ** If checked, complete supplemental page*

5. Specify what application is for: *(check one)*
   - a. ☒ New authorization
   - b. ☐ Renew existing authorization No. _____
   - c. ☐ Amend existing authorization No. _____
   - d. ☐ Assign existing authorization No. _____
   - e. ☐ Existing use for which no authorization has been received *
   - f. ☐ Other *

   ** If checked, provide details under Item 7*

6. If an individual, or partnership are you a citizen(s) of the United States? ☐ Yes ☐ No **N/A**

7. Project description *(describe in detail)*: (a) Type of system or facility, *(e.g., canal, pipeline, road)*; (b) related structures and facilities; (c) physical specifications *(length, width, grading, etc.)*: (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction. *(Attach additional sheets, if additional space is needed.)*

a. Gasco Production Company proposes to construct a pipeline and compressor facility that will service one **well (Gate Canyon Federal #41-19-11-16 located in the NE NE Sec. 19, T11S - R16E. The pipeline row will begin at the well and proceed westerly along the north side of the existing road for approximately 15, 300 feet until reaching the proposed compressor facility locaed in the N/2 NW/4 of Section Sec. 23, T11S - R15E.

b. See Attached Plan of Development for additional pipeline and compressor faclity details. All related structures or facilities will be located on the wellsite, the compressor facility, orwihtin the pipeline right of way.

c. We are requesting that the right of way begin at the well head. The total length of the pipeline is approximately 15,300 feet in length. Vegetation along the route will be removed, only when necessary to prevent fire danger during welding operations. The proposed pipeline follows existing or proposed road corridors. The pipeline will be laid on the surface and will not be buried.

d. The term of years needed is 30 years or the entire life of the well.

e. The pipeline will be used year round for transportation of gas. The approximate amount of gas to be transported is 2000 MCFPD.

(Continued on Page 2)

8. Attach a map covering area and show location of project proposal **See Topo Map D Attached.**
9. State or local government approval: ☐ Attached ☐ Applied for ☒ Not required
10. Non-returnable application fee: ☐ Attached ☐ Not required **To be submitted when requested by BLM.**
11. Does project cross international boundary or affect international waterways? ☐ Yes ☒ No *(If "yes," indicate on map)*
12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

Gasco Production Company is technically and financially capable to construct, operate and maintain the proposed pipeline.

(Continued on page 2)

f. The estimated amount of gas to be transported through this line is 2000 MCPD.

g. The duration of construction will be approximately 7 days.

h. No temporary work areas will be required.

SUPPLEMENTAL

NOTE: The responsible agency(ies) will provide additional instructions.	CHECK APPROPRIATE BLOCK	
I - PRIVATE CORPORATIONS	ATTACHED	FILED*
a. Articles of Incorporation	☐	☒
b. Corporation Bylaws	☐	☒
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.	☐	☒
d. Copy of resolution authorizing filing	☐	☒
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	☐	☒
f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.	☐	☒
g. If application is for an oil and gas pipeline, identify all Federal land by agency impacted by proposal.	☐	☒
II - PUBLIC CORPORATIONS		
a. Copy of law forming corporation	☐	☐
b. Proof of organization	☐	☐
c. Copy of Bylaws	☐	☐
d. Copy of resolution authorizing filing	☐	☐
e. If application is for an oil or gas pipeline, provide information required by Item "I-f" and I-g" above.	☐	☐
III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY		
a. Articles of association, if any	☐	☐
b. If one partner is authorized to sign, resolution authorizing action is	☐	☐
c. Name and address of each participant, partner, association, or other	☐	☐
d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and I-g" above.	☐	☐

* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information *(e.g., number, date, code, name)*. If not on file or current, attach the requested information.

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certifications for the use of Federal lands.

The Federal agencies use this information to evaluate your proposal.

No Federal agency may request or sponsor, and you are not required to respond to a request for information which does not contain a currently valid OMB Approval Number.

BURDEN HOURS STATEMENT

The public burden for the form is estimated to vary from 30 minutes to 25 hours per response, with an average of 2 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regardig the burden estimate or any other aspect of this form to: U.S. Department of the Interior, Bureau of Land Management, Information Clearance Officer (WO-630), 1849 C Street, Mail Stop 401LS, Washington, D.C. 20240

A reproducible copy of this form may be obtained from the Bureau of Land Management, Division of Lands, 1620 L Street, Rm. 1000LS, Washington, D.C. 20036.

PLAN OF DEVELOPMENT
Gas Pipeline and Compressor Facility

Gate Canyon #41-19-11-16
Section 19, T11S - R16E
Sections 23 and 24, T11S - R15E
Duchesne County, Utah

Prepared For:

Gasco Production Company
By:

PERMITCO INC.
14421 County Road 10
Ft. Lupton, CO 80621
303/857-9999

Copies Sent To:

4 - BLM - Vernal, UT
2 - Gasco Production Company - Englewood, CO

PLAN OF DEVELOPMENT - PIPELINE ROW
Gasco Production Company
Gate Canyon Federal #41-19-11-16

A. Description of Facility

1. Purpose and Need for Facility

The purpose and need for the proposed pipeline and compressor facility is to transport gas from a proposed well (Gate Canyon #41-19-11-16), and additional wells to be drilled in the future to a proposed compressor facility located in the N/2 NW/4 Section 23, T11S - R15E.

a. The type of product to be transported through the line would be gas. The amount to be transported would be approximately 2000 MCFPD.

b. The proposed pipeline size with be 8-5/8" and will be a gathering line.

c. Production from the line will come from the Gate Canyon Federal #41-19-11-16 (UTU-74395) which is proposed, and has not been drilled.

d. The pipeline will originate at the Gate Canyon #41-19-11-16 well located in the NE NE Sec. 19, T11S - R16E and proceeds southerly a distance of 15,300 feet to the compressor site in the N/2 NW/4 of Section 23, T11S - R15E, as shown on Map D.

e. The use of this line would be permanent.

f. The term of the right of way would be 30 years, or the entire life of the producing wells.

g. The right of way width requested is 30 feet. No other temporary work areas will be necessary.

2. Facility Design Factors:

a. The type of pipeline will be steel.

b. The outside diameter of the pipeline will be 8-5/8" inches. The pipeline will be allowed to rust to better blend in with the surrounding environment.

c. The pipeline will be laid on the surface.

d. The pipe will be laid on the surface and welded in place with a welding truck.

e. No other power lines, communication lines, water lines or objects will be associated with this pipeline right of way.

f. The pipeline will be located on the north side of an improved BLM road. No road crossings will be necessary.

g. Construction will also be required on the compressor site to be located on the north side of the road. The compressor pad will be 195' x 95' as shown on the attached diagram.

h. The length of the pipeline from the Gate Canyon #41-19-11-16 will be 15,300 feet.

i. The width of the permanent right of way will be 30 feet. The width of the right of way for construction purposes will be 50 feet.

j. A meter house will be located on the well pad next to the separator. If a pig launcher is necessary it would be located on the well pad for the Gate Canyon #41-19-11-16. A pig catcher may be located at the proposed compressor facility. All associated facilities would be painted a neutral color to blend with the environment.

k. The method of coupling would be welded.

Compressor

l. The compressor facility will be located in the N/2 NW/4 of Section 23, T11S - R15E, and will be located on the north side of the improved BLM road.

m. The dimensions of the facility will be approximately 195' x 95'.

o. Refer to the attached Diagram for location of facilities on the well pad.

p. All appropriate permits have been filed with the Utah Division of Oil, Gas and Mining and the Utah Division of Air Quality for approval of this compressor facility.

3. **Right of Way Location**

a. BLM lands to be affected by this pipeline and compressor facility are as follows:

T11S - R16E
Sec. 19: N/2 NE/4, SW NE, S/2 NW/4, NW SW

T11S - R15E
Sec. 23: N/2 NW/4, SE NW, S/2 NE/4, NE SE
Sec. 24: N/2 S/2, S/2 SE/4

4. **Rehabilitation of the Right of Way after Construction**

a. No rehabilitation of the proposed right of way is anticipated, since the pipeline will be laid on the surface. If large vegetation is removed, it will be stockpiled along the outside edge of the right of way. No re-seeding, erosion control or slope stabilization is anticipated, however, if will be done if required by the BLM.

b. No vehicle access will be permitted within the right of way corridor after construction is completed, except for maintenance purposes only.

5. **Termination and Restoration**

a. When the grant terminates, the line would be pulled and disposed of as required by BLM.

b. Facilities will be removed from the compressor site and the location will be recontoured and reseeded as requested by the BLM.

c. It will not be necessary to rehabilitate the right of way since this is a surface line and vegetation will have grown around the line.

6. Scheduling

a. Pipeline construction will begin immediately following drilling and testing of the proposed wells. Construction is scheduled to begin during the Fall of 2004.

7. Staging Areas

a. The need for staging areas is not anticipated, other than the proposed well pad and compressor facility.

GASCO ENERGY, INC.

TYPICAL LAYOUT FOR

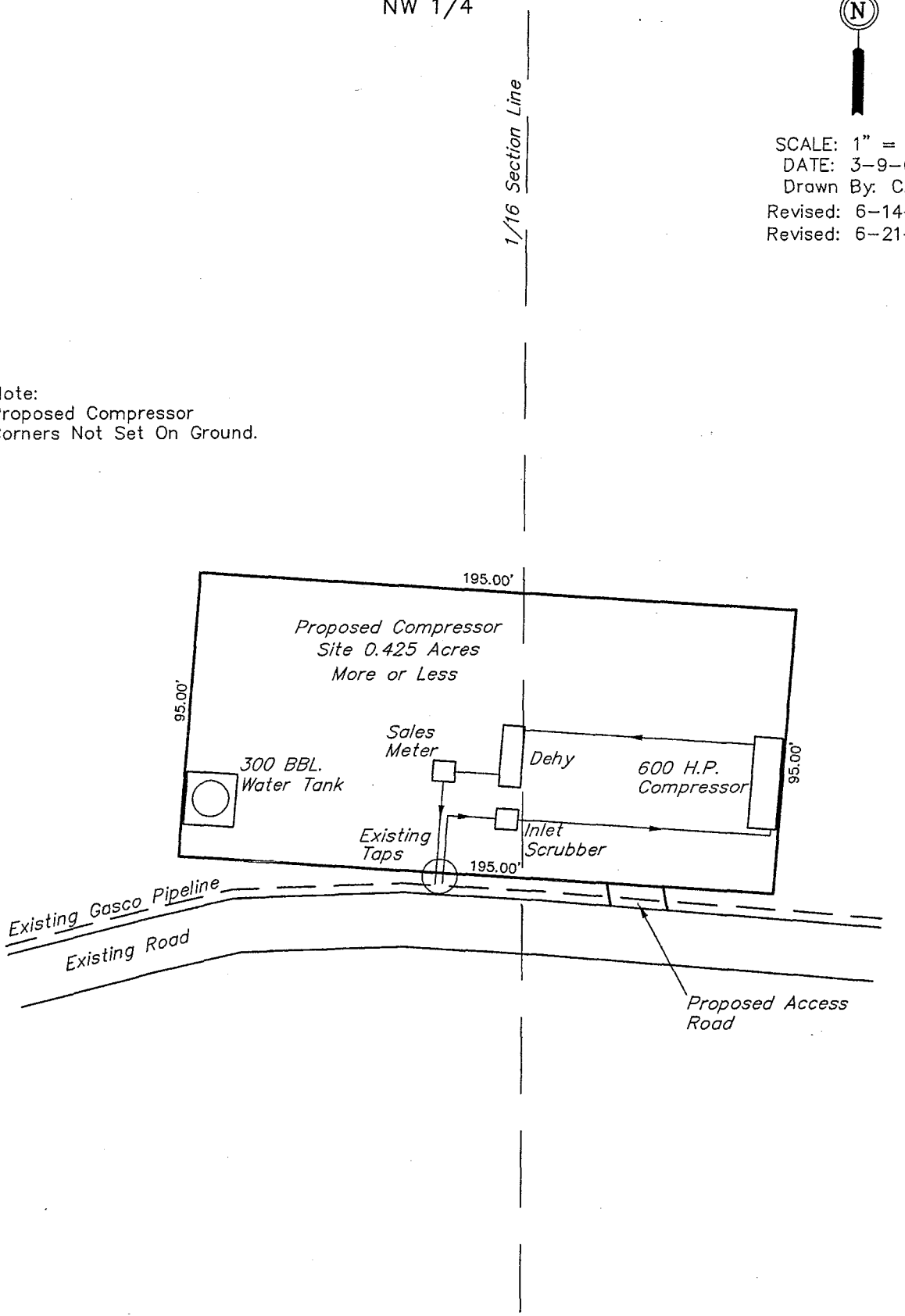
COMPRESSOR SITE

SECTION 23, T11S, R15E, S.L.B.&M.

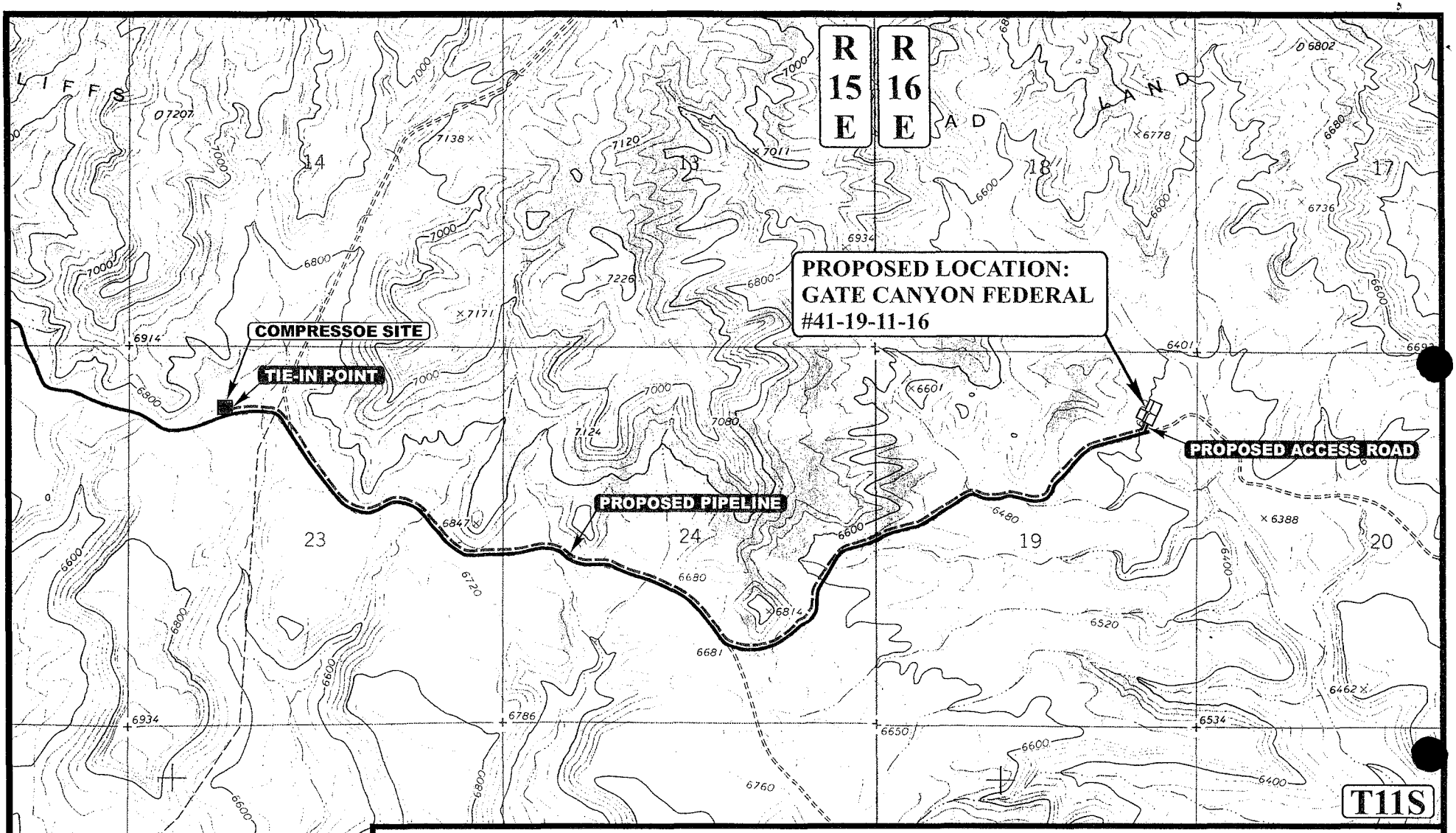
NW 1/4

SCALE: 1" = 50'
DATE: 3-9-04
Drawn By: C.G.
Revised: 6-14-04
Revised: 6-21-04

Note:
Proposed Compressor
Corners Not Set On Ground.



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



APPROXIMATE TOTAL PIPELINE DISTANCE = 15,300' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16
SECTION 19, T11S, R16E, S.L.B.&M.
857' FNL 680' FEL

UELS

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	23 DAY	04 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		

GASCO Energy

Bureau of Land Management
Vernal Field Office
170 S. 500 E.
Vernal, UT 84078

Attn: Minerals

Re: All Wells
Uintah County, Utah

Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Gasco Production Company, a wholly owned subsidiary of Gasco Energy, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Gasco Production Company agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Yours very truly,

Mark J. Choury
Land Manager

GASCO Energy, Inc.
14 Inverness Drive East, Suite H-238
Englewood, CO 80112-5625

Tel: (303) 483-0044
Fax: (303) 483-0011

Email: invest@gascoenergy.com
Website: www.gascoenergy.com

GASCO ENERGY, INC.

GATE CANYON FEDERAL #41-19-11-16

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 19, T11S, R16E, S.L.B.&M.

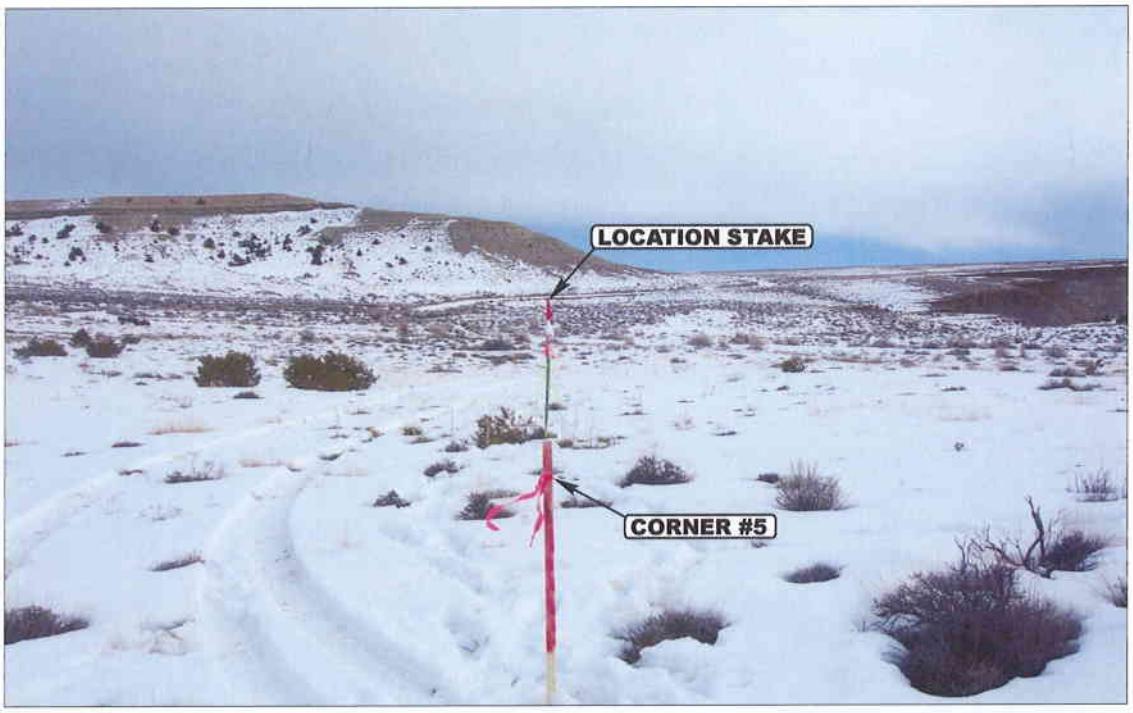


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: SOUTHEASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS		02 MONTH	23 DAY	04 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: P.M.	REVISED: 00-00-00			

003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/16/2004

API NO. ASSIGNED: 43-013-32611

WELL NAME: GATE CYN 41-19-11-16

OPERATOR: GASCO PRODUCTION (N2575)

CONTACT: LISA SMITH

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

NENE 19 110S 160E

SURFACE: 0857 FNL 0680 FEL

BOTTOM: 0857 FNL 0680 FEL

DUCHESNE

WILDCAT (1)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UT-74395

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: CSLGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.84756

LONGITUDE: 110.15919

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-1233)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-1723)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit ____

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

____ R649-3-3. Exception

____ Drilling Unit
Board Cause No: ____
Eff Date: ____
Siting: ____

____ R649-3-11. Directional Drill

COMMENTS: ____

STIPULATIONS: 1- Federal Approval
2- Spacing Stip

OPERATOR: GASCO PROD CO (N2575)

SEC. 19 **T.**11S **R.**16E

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Units.shp
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 16-JULY-2004

004

State of Utah

Department of Natural Resources

ROBERT L. MORGAN
Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

July 19, 2004

Gasco Production Company
14 Inverness Drive East, Suite #H236
Englewood, Colorado 80112

Re: Gate Canyon #41-19-11-16 Well, 857' FNL, 680' FEL, NE NE, Sec. 19, T. 11 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32611.

Sincerely,

John R. Baza
Associate Director

jc
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Gasco Production Company
Well Name & Number Gate Canyon #41-19-11-16
API Number: 43-013-32611
Lease: UT-74395

Location: NE NE **Sec.** 19 **T.** 11 South **R.** 16 East

Conditions of Approval

1. General
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements
   Notify the Division within 24 hours of spudding the well.
   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.
   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 30 2004
By

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

005 APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-74395

6. If Indian, Allottee or Tribe Name
N/A

1a. Type of Work: [X] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.
~~N/A~~ Gate Canyon Unit

b. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other [X] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.
Gate Canyon #41-19-11-16

2. Name of Operator
Gasco Production Company 303-483-0044 14 Inverness Drive East, Suite #H236 Englewood, CO 80112

9. API Well No.
43-013-32611

3. Name of Agent
PermitCo Inc. 303-857-9999 14421 County Road 10 Fort Lupton, CO 80621

10. Field and Pool, or Exploratory
Wildcat

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 857' FNL and 680' FEL
At proposed prod. zone NE NE

11. Sec., T., R., M., or Blk, and Survey or Area
Sec. 19, T11S-R16E

14. Distance in miles and direction from nearest town or post office*
Approximately 33.4 miles South of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 857'

16. No. of Acres in lease
1189.12

17. Spacing Unit dedicated to this well
40.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None

19. Proposed Depth
11,915'

20. BLM/BIA Bond No. on file
Bond #UT-1233

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6382' GL

22. Approximate date work will start*
August 15, 2004

23. Estimated duration
35 Days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

CONFIDENTIAL-TIGHT HOLE

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

RECEIVED
NOV 22 2004
DIV. OF OIL, GAS & MINING

25. Signature Lisa Smith
Name *(Printed/Typed)* Lisa L. Smith
Date 6/28/2004
Title Authorized Agent for Gasco Production Company

Approved by *(Signature)* Thomas B. Clawson
Name *(Printed/Typed)*
Date 11/19/2004
Title Assistant Field Manager Mineral Resources
Office

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

Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

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

**(Instructions on reverse)*

NOTICE OF APPROVAL

UDOGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Gasco Production Company

Well Name & Number: Gate Canyon 41-19-11-16

Lease Number: U-74395

API Number: 43-013-32611

Location: NENE Sec. 19 T. 11S R. 16E

Agreement: Gate Canyon Unit

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

1. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

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

3. Casing Program and Auxiliary Equipment

In addition to the cementing proposal for the surface casing, Class G neat cement shall be placed within the surface casing-conductor annulus from the surface down to a minimum of 200'

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

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

To evaluate cement quality across the usable water zone, a Cement Bond Log will be required from the surface casing shoe to the base of the conductor pipe.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

Ed Forsman Petroleum Engineer	(435) 828-7874
Kirk Fleetwood Petroleum Engineer	(435) 828-7875
BLM FAX Machine	(435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Then installing the surface gas line, the operator shall bury or ramp the line every ½ mile to provide emergency access to public land on the north side of the line. This burying or ramping shall be performed in a way that minimizes surface disturbance.

At the time that the well is no longer in operation, the well shall be plugged and the location and access road shall be reclaimed. All disturbed surfaces shall be re-contoured to near natural contours. Any stockpiled top soils shall be spread over the re-contoured surfaces and reseeded with the following seed mixture:

Seed Mixture:		**lbs/acre**
Shadscale	Atriplex confertifolia	4
Needle & Thread grass	Stipa comata	4
Galleta grass	Hilaria jamesii	4

Seed shall be drilled but if broadcasted double the pounds per acre used and work the soils mechanically to cover the seed.

006

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: GASCO PRODUCTION COMPANY

Well Name: GATE CYN 41-19-11-16

Api No: 43-013-32611 Lease Type: FEDERAL

Section 19 Township 11S Range 16E County DUCHESNE

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

SPUDDED:

Date 12/06/2004

Time 4:00 PM

How DRY

Drilling will commence:

Reported by CRAIG OVERMILLER

Telephone # 1-435-828-7151

Date 12/07/2004 **Signed** CHD

GASCO Energy

007

CONFIDENTIAL
Gate Cyn 41-19-11-16
T.11S, R.16E, S.19

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Attn: Carol Daniels

December 8, 2004

Dear Ms. Daniels:

Gasco Production Company (Pannonian Energy) will soon be drilling the Gate Canyon Federal 41-19-~~11~~-16, NENE 31-9S-16E, Duchesne County, Utah. The API Number for this well is 43-013-32611.

Gasco wishes to keep all information on this well CONFIDENTIAL for as long a period as possible.

Yours truly,

Robin Dean

Robin Dean
Senior Geologist
Gasco Energy, Inc.

RECEIVED
DEC 13 2004
DIV. OF OIL, GAS & MINING

GASCO Energy, Inc.
14 Inverness Drive East, Suite H-236
Englewood, CO 80112-5625
Tel: (303) 483-0044
Fax: (303) 483-0011
Email: invest@gascoenergy.com
Website: www.gascoenergy.com
OTCBB: GASE

12-13-04
Fax to: Ms Earlene Russell
801-359-3940

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

FORM 6

008

ENTITY ACTION FORM

Operator: Gasco Production Company
Operator Account Number: N 2575
Address: 14 Inverness Drive E., Suite H-236
city Englewood
state CO zip 80112
Phone Number: (303) 483-0044

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
013-32611	Gate Canyon 41-19-11-16	NENE	19	11S	16E	Duchesne

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	14439	12/6/04	12/20/04

K

Comments: New Drill CSLGT = no PA = MVRD

CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
047-34314	State 4-32 B NWNW	~~SESW~~	32	9S	19E	Uintah

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	14440	12/3/04	12/20/04

Comments: New Drill WSMVD

CONFIDENTIAL

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
047-35606	Federal 31-21-9-19	NWNE	21	9S	19E	Uintah

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	14441	11/27/04	12/20/04

K

Comments: New Drill CSLGT = MVRD

CONFIDENTIAL

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mari A. Johnson
Name (Please Print)

Signature

Manager-Property Admin
Title

12/13/2004
Date

(5/2000)

RECEIVED
DEC 13 2004
DIV. OF OIL, GAS & MINING

009
T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/7/2005	Days: 3
Depth: 4000'	Prog: 950	OPR: DRILLING		Formation: WASATCH	
DMC: $ 1964	TMC: $ 4253		TDC: $ $ 27,672	CWC: $ $ 277,573	

Contractor:	NABORS	Mud Co:	MI		TANGIBLE			INTANGIBLE	
MW:	8.5	Liner:	6	Bit #:	1		Conductor:	$ -	Rig Move:	$ -
VIS:	25	Stroke:	10	S/N:	107357		Surf. Csg:	$ -	Location:	$ -
PV/YP:		SPM:	115	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:		Press:	560	MFG:	HYCALOG		Prod Csg:	$ -	BHA:	$ 300
ph:		GPM:	400	Type:	DSX199GJUV		Float Equp:	$ -	Cement:	$ -
WL:		NV:		Jets:	3-14,3-18		Well Head:	$ -	Mud Logger:	$ -
Cake:		AV:		In:	3050		TBG/Rods:	$ -	Water:	$ 1,613
Sand:		Dev:	2	Out:			Packers:	$ -	Bits / Corehead:	
Solids:				FTG:	950		Tanks:	$ -	Rental Tools:	$ 1,581
Chls:				Hrs:	18 1/2		Separator:	$ -	Corrosion:	$ -
Pf/Mf:				FPH:	51 1/3		Heater:	$ -	Consultant:	$ 850
LCM:				T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ -
Ca:				WOB:	15		Prime Mover:	$ -	Misc. / Labor:	$ 10,698
				RPM:	45		Misc:	$ -	Forklift:	$ 130
				BHA:	31K		Daily Total:	$ -	Daily Total:	$ 27,672

Time Break Down:

START	END	TIME	
6:00	10:00	4:00	DRLD CMT, FLOAT SHOE, AND RATHOLE 2973-3050'.
10:00	21:00	11:00	DRLG 3050' - 3539' (489 FT, 44 FPH).
21:00	21:30	0:30	RUN WIRELINE SURVEY @ 3500', 2°, RIG SERVICE
21:30	5:00	7:30	DRLG 3539' - 4018' (479 FT, 64 FPH).
5:00	6:00	1:00	RUN WIRELINE SURVEY @ 4000', 2°

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 12,328
Cum. Bits:	$ 7,500
Rot. Hrs:	18.5

UP = 102,000 LBS. DOWN = 102,000 LBS. ROTATING = 102,000 LBS.

TRIP GAS	
CONN	100
BKG GAS	3-25

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

CONSULTANT: V GUINN

010
T14S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: GATE CYN ~~FED~~ 41-19-11-16				Date: 1/10/2005	Days: 6
Depth: 6875'	Prog: 546	OPR: DRILLING		Formation: WASATCH	
DMC: $ 3072	TMC: $ 15045		TDC: $ $ 27,142	CWC: $ $ 350,811	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.6	Liner:	6	Bit #:	1	Conductor:	$ -	Rig Move:	$ -
VIS:	26	Stroke:	10	S/N:	107357	Surf. Csg:	$ -	Location:	$ -
PV/YP:		SPM:	115	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:		Press:	560	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:		GPM:	400	Type:	DSX199GJUV	Float Equp:	$ -	Cement:	$ -
WL:		NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ -
Cake:		AV:		In:	3050	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2-3/4	Out:		Packers:	$ -	Bits / Corehead:	
Solids:				FTG:	3825	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	87	Separator:	$ -	Corrosion:	$ -
Pf/Mf:				FPH:	44	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 3,072
Ca:	120			WOB:	18	Prime Mover:	$ -	Misc. / Labor:	$ 5,949
				RPM:	45	Misc:	$ -	Forklift:	$ 840
				BHA:	31K	Daily Total:	$ -	Daily Total:	$ 27,142

Time Break Down:

START	END	TIME	
6:00	13:00	7:00	DRLG 6329' - 6485' (156FT, 22 FPH).
13:00	13:30	0:30	RIG SERVICE
13:30	6:00	16:30	DRLG 6485' - 6875' (390FT, 23.6 FPH).

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 12,328
Cum. Bits:	$ 7,500
Rot. Hrs:	87

UP = 160,000 LBS. DOWN = 155,000 LBS. ROTATING = 155,000 LBS.

TRIP GAS	
CONN	30-40
BKG GAS	40

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

CONSULTANT: V GUINN

011

T11S R16E S-19

43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/11/2005	Days: 7
Depth: 7320'	Prog: 445	OPR: DRILLING		Formation: LOWER WASATCH	
DMC: $ 410	TMC: $ 15456		TDC: $ $ 25,533	CWC: $ $ 380,079	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.6	Liner:	6	Bit #:	1	Conductor:	$ -	Rig Move:	$ -
VIS:	26	Stroke:	10	S/N:	107357	Surf. Csg:	$ -	Location:	$ -
PV/YP:		SPM:	115	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:		Press:	800	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,300
ph:		GPM:	400	Type:	DSX199GJUV	Float Equp:	$ -	Cement:	$ -
WL:		NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:		AV:		In:	3050	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2-3/4	Out:		Packers:	$ -	Bits / Corehead:	
Solids:				FTG:	4270	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	110	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:				FPH:	38.8	Heater:	$ -	Consultant:	$ 850
LCM:	5.6			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 410
Ca:	120			WOB:	18-20	Prime Mover:	$ -	Misc. / Labor:	$ 6,892
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	31K	Daily Total:	$ -	Daily Total:	$ 25,533

Time Break Down:

START	END	TIME	
6:00	13:30	7:30	DRLG 6875' - 6981' (106FT, 14 FPH).
13:30	14:00	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
14:00	18:30	4:30	DRLG 6981' - 7045' (64FT, 14 FPH).
18:30	19:00	0:30	RUN WIRELINE SURVEY @ 7000', 2-3/4°
19:00	6:00	11:00	DRLG 7045' - 7320' (275FT, 25 FPH).

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 18,845
Cum. Bits:	$ 7,500
Rot. Hrs:	110

UP = 160,000 LBS. DOWN = 150,000 LBS. ROTATING = 158,000 LBS.

TRIP GAS	
CONN	30
BKG GAS	20-30

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

CONSULTANT: V GUINN

012
T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/12/2005	Days: 8
Depth: 7685'	Prog: 365	OPR: POOH FOR BIT #2		Formation: LOWER WASATCH	
DMC: $ 489	TMC: $ 15945		TDC: $ $ 18,520	CWC: $ $ 398,599	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.6	Liner:	6	Bit #:	1	Conductor:	$ -	Rig Move:	$ -
VIS:	26	Stroke:	10	S/N:	107357	Surf. Csg:	$ -	Location:	$ -
PV/YP:		SPM:	115	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:		Press:	870	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,100
ph:		GPM:	400	Type:	DSX199GJUV	Float Equp:	$ -	Cement:	$ -
WL:		NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:		AV:		In:	3050	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2-3/4	Out:	7685	Packers:	$ -	Bits / Corehead:	
Solids:				FTG:	4635	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	131	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:				FPH:	35.4	Heater:	$ -	Consultant:	$ 850
LCM:	5.5			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 489
Ca:	120			WOB:	19	Prime Mover:	$ -	Misc. / Labor:	
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	31K	Daily Total:	$ -	Daily Total:	$ 18,520

Time Break Down:

START	END	TIME	
6:00	3:00	21:00	DRLG 7320' - 7685' (365FT, 17.4 FPH).
3:00	4:00	1:00	BUILD AND PUMP PILL. BLOW OUT KELLY
4:00	6:00	2:00	POOH FOR BIT #2

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 18,845
Cum. Bits:	$ 7,500
Rot. Hrs:	131

UP = 170,000 LBS. DOWN = 165,000 LBS. ROTATING = 168,000 LBS.

TRIP GAS

CONN 25

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

BKG GAS 20-25

CONSULTANT: V GUINN

013

T11S R16E S19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/13/2005	Days: 9
Depth: 7705'	Prog: 20	OPR: DRILLING		Formation: LOWER WASATCH	
DMC: $ 441	TMC: $ 16385		TDC: $ $ 45,084	CWC: $ $ 443,683	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.6	Liner:	6	Bit #:	2	3	Conductor:	$ -	Rig Move:	$ -
VIS:	26	Stroke:	10	S/N:	106079	MT7059	Surf. Csg:	$ -	Location:	$ -
PV/YP:		SPM:	115	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:		Press:	870	MFG:	HYCALOG	STC	Prod Csg:	$ -	BHA:	$ 400
ph:		GPM:	400	Type:	DSX199GJUV	MF45H	Float Equp:	$ -	Cement:	$ -
WL:		NV:		Jets:	3-14,3-18	15-18-20	Well Head:	$ -	Mud Logger:	$ 775
Cake:		AV:		In:	7685	7705	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2-3/4	Out:	7705		Packers:	$ -	Bits / Corehead:	$ 27,900
Solids:				FTG:	20		Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	4		Separator:	$ -	Corrosion:	$ 95
Pf/Mf:				FPH:	5.0		Heater:	$ -	Consultant:	$ 850
LCM:	4.7			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ 441
Ca:	120			WOB:	20	5	Prime Mover:	$ -	Misc. / Labor:	$ 412
				RPM:	45	45	Misc:	$ -	Forklift:	$ 130
				BHA:	31K	31K	Daily Total:	$ -	Daily Total:	$ 45,084

Time Break Down:

START	END	TIME	
6:00	7:30	1:30	FINISH TOH FOR BIT #2. LEFT PART OF 2 BLADES IN HOLE.
7:30	9:30	2:00	CHANGE OUT WEAR BUSHING, BIT, AND MM.
9:30	13:30	4:00	TIH FILLING PIPE AT 5625'
13:30	16:00	2:30	WASH AND REAM 90' TO BTM.
16:00	20:00	4:00	DRLG 7685' - 7705' (20 FT, 25 DECREASING TO 5 FPH).
20:00	0:00	4:00	BUILD PILL AND POOH FOR BIT #3.
0:00	2:00	2:00	PU BIT #3 AND JUNK BASKET.
2:00	4:30	2:30	TIH.
4:30	6:00	1:30	WASH AND REAM 90' TO BTM.

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 18,845
Cum. Bits:	$ 7,500
Rot. Hrs:	135

UP = 170,000 LBS. DOWN = 165,000 LBS. ROTATING = 168,000 LBS.

TRIP GAS	
CONN	25
BKG GAS	20-25

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

CONSULTANT: V GUINN

014

T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/14/2005	Days: 10
Depth: 7887'	Prog: 182	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 1000	TMC: $ 17386		TDC: $ $ 19,513	CWC: $ $ 463,196	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.6	Liner:	6	Bit #:	3		Conductor:	$ -	Rig Move:	$	-
VIS:	43	Stroke:	10	S/N:	MT7059		Surf. Csg:	$ -	Location:	$	-
PV/YP:	1/1	SPM:	115	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	1/1/1	Press:	1270	MFG:	STC		Prod Csg:	$ -	BHA:	$	1,900
ph:	9	GPM:	400	Type:	MF45H		Float Equp:	$ -	Cement:	$	-
WL:	20	NV:		Jets:	15-18-20		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	7705		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2-3/4	Out:			Packers:	$ -	Bits / Corehead:	$	-
Solids:	1			FTG:	182		Tanks:	$ -	Rental Tools:	$	1,581
Chls:	1000			Hrs:	19		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.6/6.7			FPH:	9.6		Heater:	$ -	Consultant:	$	850
DAP	5.9			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	1,000
Ca:	120			WOB:	30		Prime Mover:	$ -	Misc. / Labor:	$	682
				RPM:	45		Misc:	$ -	Forklift:	$	130
				BHA:	31K		Daily Total:	$ -	Daily Total:	$	19,513

Time Break Down:

START	END	TIME	
6:00	9:00	3:00	DRLG 7705' - 7719' (14 FT, 4.7 DECREASING TO 5 FPH).
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
9:30	23:00	13:30	DRLG 7719' - 7852' (133 FT, 9.8 FPH).
23:00	3:30	4:30	CIRC AND COND. DURING MUD UP.
3:30	6:00	2:30	DRLG 7852' - 7887' (35 FT, 14 FPH).

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 18,845
Cum. Bits:	$ 7,500
Rot. Hrs:	154

UP = 175,000 LBS. DOWN = 165,000 LBS. ROTATING = 174,000 LBS.

TRIP GAS	
CONN	150
BKG GAS	16/30
DN TIME	210

BHA: BIT, DS, MM, IBS, 17- 6-3/8" DC'S. TOTAL LENGTH = 567FT.

CONSULTANT: V GUINN

015
T11S R16E S-19
43-013-32611

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/17/2005	Days: 13
Depth: 8106'	Prog: 120	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 1663	TMC: $ 32226		TDC: $ $ 20,084	CWC: $ $ 568,387	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.9	Liner:	6	Bit #:	5	Conductor:	$ -	Rig Move:	$ -
VIS:	38	Stroke:	10	S/N:	MT7059	Surf. Csg:	$ -	Location:	$ -
PV/YP:	10/12	SPM:	115	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/22/29	Press:	1270	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,000
ph:	9	GPM:	400	Type:	MF45H	Float Equp:	$ -	Cement:	$ -
WL:	14.8	NV:		Jets:	16-18-20	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	7986	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	3	Out:	8106	Packers:	$ -	Bits / Corehead:	$ -
Solids:	3.8			FTG:	120	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	20	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.4			FPH:	6	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,663
Ca:	120			WOB:	30-35	Prime Mover:	$ -	Misc. / Labor:	$ 490
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K	Daily Total:	$ -	Daily Total:	$ 20,084

Time Break Down:

START	END	TIME	
6:00	9:00	3:00	TIH
9:00	9:30	0:30	WASH AND REAM 60' TO BTM
9:30	10:00	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
10:00	6:00	20:00	DRLG 7986' - 8106' (120 FT, 6 FPH).

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 25,770
Cum. Bits:	$ 58,300
Rot. Hrs:	196

PUMP	SPM	PRESS	DEPTH
Nº1	70	450	7971

UP = 185,000 LBS. DOWN = 170,000 LBS. ROTATING = 180,000 LBS.

TRIP GAS	1080
CONN	100
BKG GAS	50-100

BHA: BIT, MM, 21- 6-3/8" DC'S. TOTAL LENGTH = 688.99 FT.

CONSULTANT: V GUINN

016

T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/18/2005	Days: 14
Depth: 8106'	Prog: 107	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 2197	TMC: $ 34423			TDC: $ $ 27,268	CWC: $ $ 597,016
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	8.9	Liner:	6	Bit #:	5	Conductor:	$ -	Rig Move:	$ -
VIS:	45	Stroke:	10	S/N:	MT7059	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/15	SPM:	114	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	13/23/29	Press:	1280	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,000
ph:	9	GPM:	398	Type:	MF45H	Float Equp:	$ -	Cement:	$ -
WL:	10	NV:		Jets:	16-18-20	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	7986	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	3	Out:	8231	Packers:	$ -	Bits / Corehead:	$ -
Solids:	4			FTG:	245	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	43 1/2	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.5/5.3			FPH:	5.6	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 2,197
Ca:	120			WOB:	35-40	Prime Mover:	$ -	Misc. / Labor:	$ 7,140
				RPM:	45-50	Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K	Daily Total:	$ -	Daily Total:	$ 27,268

Time Break Down:

START	END	TIME	
6:00	23:30	17:30	DRLG 8106' - 8189' (83 FT, 4.7 FPH).
23:30	0:00	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
0:00	6:00	6:00	DRLG 8189' - 8213' (24 FT, 4 FPH).

Cum. Wtr:	$ 4,111
Cum. Fuel	$ 32,910
Cum. Bits:	$ 58,300
Rot. Hrs:	219.5

PUMP	SPM	PRESS	DEPTH
Nº2	700	600	8189

UP = 190,000 LBS. DOWN = 170,000 LBS. ROTATING = 183,000 LBS.

TRIP GAS	N/A
CONN	100
BKG GAS	20-110

BHA: BIT, MM, 21- 6-3/8" DC'S. TOTAL LENGTH = 688.99 FT.

CONSULTANT: C EMERSON

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T11S R16E S-19
43-013-32611

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 1/19/2005	Days: 15
Depth: 8260'	Prog: 47	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 1329	TMC: $ 35752		TDC: $ $ 24,004	CWC: $ $ 621,020	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.1	Liner:	6	Bit #:	5	Conductor:	$ -	Rig Move:	$ -
VIS:	42	Stroke:	10	S/N:	MT7059	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14-Dec	SPM:	114	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/26/1936	Press:	1310	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,000
ph:	9	GPM:	398	Type:	MF45H	Float Equp:	$ -	Cement:	$ -
WL:	12	NV:		Jets:	16-18-20	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	7986	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2.75	Out:	8260	Packers:	$ -	Bits / Corehead:	$ -
Solids:	3			FTG:	274	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	56 1/2	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.6			FPH:	4.8	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,329
Ca:	120			WOB:	35-40	Prime Mover:	$ -	Misc. / Labor:	$ 4,744
				RPM:	45-50	Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K	Daily Total:	$ -	Daily Total:	$ 24,004

Time Break Down:

START	END	TIME	
6:00	18:30	12:30	Drlg 8213' - 8260' (47' @ 3.8 FPH).
18:30	20:30	2:00	Rig Repair - Both Pumps Down - Freely Reciprocate DP
20:30	22:30	2:00	Circulate & Condition Hole - Pump Pill - Drop Survey
22:30	23:00	0:30	Drop Survey @ 828205' Blow Down Kelly
23:00	4:00	5:00	TOOH - Slick - LD MM (Locked Up) - Survey 2 3/4 Deg - Unload Slimpulse Anadrill Tools
4:00	6:00	2:00	W/O Anadril Tool Operator

Cum. Wtr:	$ 8,085
Cum. Fuel	$ 32,910
Cum. Bits:	$ 58,300
Rot. Hrs:	251

PUMP	SPM	PRESS	DEPTH
Nº2	70	580	8260

UP = 190,000 LBS. DOWN = 178,000 LBS. ROTATING = 184,000 LBS.

TRIP GAS	N/A
CONN	100
BKG GAS	20-110

BHA: BIT, MM, 21- 6-3/8" DC'S. TOTAL LENGTH = 688.99 FT.

CONSULTANT: C EMERSON

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T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/20/2005	Days: 16
Depth: 8419'	Prog: 159'	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 1139	TMC: $ 36891		TDC: $ $ 19,560	CWC: $ $ 640,580	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.2	Liner:	6	Bit #:	6		Conductor:	$ -	Rig Move:	$	-
VIS:	45	Stroke:	10	S/N:	7106367		Surf. Csg:	$ -	Location:	$	-
PV/YP:	14-Dec	SPM:	114	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	12/23/34	Press:	1310	MFG:	HTC		Prod Csg:	$ -	BHA:	$	2,000
ph:	9	GPM:	398	Type:	HC406Z		Float Equp:	$ -	Cement:	$	-
WL:	12	NV:		Jets:	6-16s		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	8260		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2.75	Out:			Packers:	$ -	Bits / Corehead:	$	-
Solids:	3			FTG:	159		Tanks:	$ -	Rental Tools:	$	1,581
Chls:	1000			Hrs:	13		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.5/5.4			FPH:	12.2		Heater:	$ -	Consultant:	$	850
DAP	5.6			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	1,139
Ca:	120			WOB:	7-15		Prime Mover:	$ -	Misc. / Labor:	$	490
				RPM:	40-60		Misc:	$ -	Forklift:	$	130
				BHA:	50K		Daily Total:	$ -	Daily Total:	$	19,560

Time Break Down:

START	END	TIME	
6:00	8:30	2:30	W/O Anadril Tool Operator
8:30	12:00	3:30	PU Anadril Schlumberger Slim-Pulse Tools
12:00	16:30	4:30	TIH Bit # 6 PDC
16:30	23:00	6:30	Light Ream 8220' - 8260'
23:00	6:00	5:00	Drlg 8260' - 8419' (419' @ 12.2fph)

Cum. Wtr:	$	8,085
Cum. Fuel	$	32,910
Cum. Bits:	$	58,300
Rot. Hrs:	264	

PUMP	SPM	PRESS	DEPTH
N°2	68	630	8284'

UP = 200,000 LBS. DOWN = 180,000 LBS. ROTATING = 190,000 LBS.

TRIP GAS	488
CONN	25
BKG GAS	10-20

BHA: BIT, MM, XO, MWD, XO, Monel, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.43'

CONSULTANT: C EMERSON

019
T11S R16E S19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/21/2005	Days: 17
Depth: 8525'	Prog: 107	OPR: DRILLING		Formation: UPPER MESAVERDE	
DMC: $ 1139	TMC: $ 36891		TDC: $ $ 20,170	CWC: $ $ 660,750	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.2	Liner:	6	Bit #:	6	Conductor:	$ -	Rig Move:	$ -
VIS:	45	Stroke:	10	S/N:	7106367	Surf. Csg:	$ -	Location:	$ -
PV/YP:	11/13	SPM:	114	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/23/31	Press:	1310	MFG:	HTC	Prod Csg:	$ -	BHA:	$ 2,000
ph:	9	GPM:	398	Type:	HC406Z	Float Equp:	$ -	Cement:	$ -
WL:	12	NV:		Jets:	6-16s	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	8260	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2.75	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	3			FTG:	265	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	33	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.8			FPH:	8.0	Heater:	$ -	Consultant:	$ 850
DAP	5.8			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,139
Ca:	120			WOB:	7-19	Prime Mover:	$ -	Misc. / Labor:	$ 1,100
				RPM:	40-60	Misc:	$ -	Forklift:	$ 130
				BHA:	50K	Daily Total:	$ -	Daily Total:	$ 20,170

Time Break Down:

START	END	TIME	
6:00	12:00	6:00	Drlg 8419' - 8476' (57' @ 9.5fph)
12:00	12:30	0:30	Service Rig - FT BOP
12:30	15:00	2:30	Drlg 8476' - 8483' (7' @ 2.8fph)
15:00	18:30	3:30	RU DelscoNW Slickline - Pull & Replace MWD Probe - DelscoNW
18:30	6:30	11.5	Drlg 8483' - 8525' (42' @ 3.7fph)

Cum. Wtr:	$ 8,085
Cum. Fuel	$ 32,910
Cum. Bits:	$ 58,300
Rot. Hrs:	284

PUMP	SPM	PRESS	DEPTH
Nº2	68	610	8483'

UP = 200,000 LBS. DOWN = 180,000 LBS. ROTATING = 190,000 LBS.

TRIP GAS	NA
CONN	25
BKG GAS	5-36

BHA: BIT, MM, XO, MWD, XO, Monel, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.43'

CONSULTANT: C EMERSON

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/23/2005	Days: 19
Depth: 8840'	Prog: 219'	OPR: Drilling Ahead		Formation: UPPER MESAVERDE	
DMC: $ 307	TMC: $ 40588		TDC: $ $ 33,088	CWC: $ $ 803,348	

Contractor:	NABORS	Mud Co:	MI			TANGIBLE		INTANGIBLE	
MW:	9.4	Liner:	6	Bit #:	6	7	Conductor: $ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	7106367	109146	Surf. Csg: $ -	Location:	$ -
PV/YP:	14/15	SPM:	110	Size:	7-7/8"	7-7/8"	Int. Csg: $ -	Rig Cost:	$ 12,500
Gel:	7/22/29	Press:	1600	MFG:	HTC	HYCALOG	Prod Csg: $ -	BHA:	$ 2,000
ph:	9	GPM:	380	Type:	HC406Z	DSX146HG	Float Equp: $ -	Cement:	$ -
WL:	10.8	NV:		Jets:	6-16s	3/14&3/18	Well Head: $ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	8260	8621	TBG/Rods: $ -	Water:	$ -
Sand:		Dev:	2.75	Out:	8621		Packers: $ -	Bits / Corehead:	$ 9,200
Solids:	3			FTG:	361	219	Tanks: $ -	Rental Tools:	$ 7,231
Chls:	1000			Hrs:	55	14.5	Separator: $ -	Corrosion:	$ 95
Pf/Mf:	.4/5.6			FPH:	6.6		Heater: $ -	Consultant:	$ 850
DAP	5.3			T/B/G:			Pumping L/T: $ -	Drilling Mud:	$ 307
Ca:	120			WOB:	7-19	8-20	Prime Mover: $ -	Misc. / Labor:	
				RPM:	40-60	40-60	Misc: $ -	Forklift:	$ 130
				BHA:	50K	50K	Daily Total: $ -	Daily Total:	$ 33,088

Time Break Down:

START	END	TIME	
6:00	8:30	2:30	Finish TOOH - Motor Washed Out - 4 Nozzles Plugged
8:30	14:00	5:30	LD Failed MM & Bit #6. PU 3.5 Stage MM & Bit #7. TIH No Bridges.
14:00	15:00	1:00	Wash 100' To Bottom. No Bridges.
15:00	3:00	12:00	Drlg 8621' - 8793' (172' @ 14.4fph)
3:00	3:30	0:30	Service Rig. Function Test BOP.
3:30	6:00	2:30	Drlg 8793' -8840' (47' @ 18.8fph)

Cum. Wtr:	$ 8,085
Cum. Fuel	$ 32,910
Cum. Bits:	$ 58,300
Rot. Hrs:	320.5

PUMP	SPM	PRESS	DEPTH
Nº1	65	650	8825'
Nº2	67	750	8698'

String Weights	Up: 200K#	Down: 190K#	Rotate: 185K#	TRIP GAS	350
				CONN	150-250
BHA:	BIT, MM, XO, MWD, XO, Monel, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'			BKG GAS	50-70
CONSULTANT:	C EMERSON				

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

Well:	GATE CW ~~FED~~ 41-19-11-16			Date: 1/24/2005	Days: 20
Depth: 9200'	Prog: 360'	OPR: Drilling Ahead		Formation: UPPER MESAVERDE	
DMC: $ 2322	TMC: $ 42910		TDC: $ $ 31,903	CWC: $ $ 835,251	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.4	Liner:	6	Bit #:	7	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	109146	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/14	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/25/33	Press:	1800	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,000
ph:	9	GPM:	400	Type:	DSX146HG	Float Equp:	$ -	Cement:	$ -
WL:	12	NV:		Jets:	3/14&3/18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	8621	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2.75	Out:		Packers:	$ -	Bits / Corehead:	$ 6,000
Solids:	3			FTG:	579	Tanks:	$ -	Rental Tools:	$ 7,231
Chls:	1000			Hrs:	38	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.5/5.6			FPH:	15.2	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 2,322
Ca:	120			WOB:	8-20	Prime Mover:	$ -	Misc. / Labor:	
				RPM:	40-60	Misc:	$ -	Forklift:	$ 130
				BHA:	50K	Daily Total:	$ -	Daily Total:	$ 31,903

Time Break Down:

START	END	TIME	
6:00	13:00	7:00	Drilling 8840' - 8950 (110' @ 15.7 fph)
13:00	13:30	0:30	Service Rig. Function Test BOP
13:30	6:00	16:30	Drilling 8950' - 9200' (250' @ 15.6 fph)

Cum. Wtr:	$ 8,085
Cum. Fuel	$ 32,910
Cum. Bits:	$ 64,300
Rot. Hrs:	344

PUMP	SPM	PRESS	DEPTH	
N°1				Pump #1 Down. Crosshead Bearings Out.
N°2	67	760	9046'	

String Weights	Up: 210K#	Down: 190K#	Rotate: 200K#	TRIP GAS	NA
				CONN	300-400
BHA:	BIT, MM, XO, MWD, XO, Monel, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'			BKG GAS	150-200
CONSULTANT:	Chuck Emerson				

022
T11S R16E S19
43-013-32611

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 1/25/2005	Days: 21
Depth: 9380'	Prog: 180	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 1432	TMC: $ 44344		TDC: $ $ 38,849	CWC: $ $ 804,100	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.6	Liner:	6	Bit #:	7	Conductor:	$ -	Rig Move:	$ -
VIS:	41	Stroke:	10	S/N:	109146	Surf. Csg:	$ -	Location:	$ -
PV/YP:	12/16	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/29/37	Press:	1800	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	400	Type:	DSX146HG	Float Equp:	$ -	Cement:	$ -
WL:	14	NV:		Jets:	3/14&3/18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	8621	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2.75	Out:		Packers:	$ -	Bits / Corehead:	$ 6,000
Solids:	4			FTG:	759	Tanks:	$ -	Rental Tools:	$ 7,231
Chls:	1000			Hrs:	62	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.9			FPH:	12.2	Heater:	$ -	Consultant:	$ 850
DAP	5.8			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,432
Ca:	120			WOB:	15-20	Prime Mover:	$ -	Misc. / Labor:	$ 7,486
				RPM:	55	Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K	Daily Total:	$ -	Daily Total:	$ 38,849

Time Break Down:

START	END	TIME	
6:00	18:00	12:00	DRLG 9200' - 9295' (95 FT, 7.9 FPH).
18:00	18:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
18:30	6:00	11:30	DRLG 9295' - 9380' (85 FT, 7.4 FPH).

Cum. Wtr:	$ 8,085
Cum. Fuel	$ 40,046
Cum. Bits:	$ 64,300
Rot. Hrs:	368

PUMP	SPM	PRESS	DEPTH
Nº2	68	550	9301

UP = 210,000 LBS. DOWN = 190,000 LBS. ROTATING = 205,000 LBS.

TRIP GAS	
CONN	120-145
BKG GAS	120-180

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

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T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/26/2005	Days: 22
Depth: 9473'	Prog: 93	OPR: TIH W/ BIT #8		Formation: MESAVERDE	
DMC: $ 1733	TMC: $ 46076			TDC: $ $ 44,076	CWC: $ $ 843,676
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.7	Liner:	6	Bit #:	7	8	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	109146	109988	Surf. Csg:	$ -	Location:	$ -
PV/YP:	17/11	SPM:	110	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	7/22/29	Press:	1800	MFG:	HYCALOG	HYCALOG	Prod Csg:	$ -	BHA:	$ 1,050
ph:	9	GPM:	400	Type:	DSX146HG	DSX146HG	Float Equp:	$ -	Cement:	$ -
WL:	14	NV:		Jets:	3/14&3/18	3/14&3/18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	8621	9473	TBG/Rods:	$ -	Water:	$ 1,725
Sand:		Dev:	2.75	Out:	9473		Packers:	$ -	Bits / Corehead:	$ 17,500
Solids:	3			FTG:	852		Tanks:	$ -	Rental Tools:	$ 7,231
Chls:	1000			Hrs:	73		Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.7			FPH:	11.7		Heater:	$ -	Consultant:	$ 850
DAP	5.5			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ 1,733
Ca:	120			WOB:	15-20		Prime Mover:	$ -	Misc. / Labor:	$ 487
				RPM:	55		Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K		Daily Total:	$ -	Daily Total:	$ 44,076

Time Break Down:

START	END	TIME	
6:00	16:30	10:30	DRLG 9380' - 9473' (93 FT, 8.8 FPH).
16:30	18:00	1:30	MIX PILL AND BLOW OUT KELLY
18:00	23:00	5:00	POOH FOR BIT #8
23:00	0:30	1:30	CHANGE OUT BIT AND MM.
0:30	2:00	1:30	TIH TO 2911'.
2:00	4:00	2:00	SLIP AND CUT DRILLING LINE.
4:00	4:30	0:30	RIG SERVICE
4:30	5:30	1:00	TIH TO 5113'
5:30	6:00	0:30	FILL PIPE AND TEST MWD.

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 40,046
Cum. Bits:	$ 81,800
Rot. Hrs:	378

PUMP	SPM	PRESS	DEPTH
Nº2	68	730	9397

UP = 210,000 LBS. DOWN = 195,000 LBS. ROTATING = 205,000 LBS.

TRIP GAS	
CONN	120-1260
BKG GAS	120-200

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

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T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/27/2005	Days: 23
Depth: 9612'	Prog: 139	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 180	TMC: $ 46256		TDC: $ $ 40,500	CWC: $ $ 881,014	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.7	Liner:	6	Bit #:	8		Conductor:	$ -	Rig Move:	$	-
VIS:	40	Stroke:	10	S/N:	109988		Surf. Csg:	$ -	Location:	$	-
PV/YP:	14/12	SPM:	110	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	7/29/34	Press:	1800	MFG:	HYCALOG		Prod Csg:	$ -	BHA:	$	2,050
ph:	9	GPM:	400	Type:	DSX146HG		Float Equp:	$ -	Cement:	$	-
WL:	12.8	NV:		Jets:	3/14&3/18		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	9473		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2	Out:			Packers:	$ -	Bits / Corehead:	$	17,500
Solids:	3.6			FTG:	139		Tanks:	$ -	Rental Tools:	$	5,650
Chls:	1000			Hrs:	20.5		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.4/5.0			FPH:	6.8		Heater:	$ -	Consultant:	$	850
DAP	4.8			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	180
Ca:	120			WOB:	5-20		Prime Mover:	$ -	Misc. / Labor:	$	770
				RPM:	45-55		Misc:	$ -	Forklift:	$	130
				BHA:	42.4K		Daily Total:	$ -	Daily Total:	$	40,500

Time Break Down:

START	END	TIME	
6:00	7:30	1:30	FIN. TIH
7:30	8:30	1:00	WASH AND REAM 90' TO BTM.
8:30	15:00	6:30	DRLG 9473' - 9557' (84 FT, 12.9 FPH).
15:00	15:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
15:30	21:00	5:30	DRLG 9557' - 9589' (32 FT, 5.8 FPH).
21:00	21:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
21:30	6:00	8:30	DRLG 9589' - 9612' (23 FT, 2.7 FPH).

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 40,046
Cum. Bits:	$ 81,800
Rot. Hrs:	398.5

PUMP	SPM	PRESS	DEPTH
Nº2	67	770	9589

UP = 215,000 LBS. DOWN = 190,000 LBS. ROTATING = 205,000 LBS.

TRIP GAS	525
CONN	470
BKG GAS	200-470

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

CONFIDENTIAL

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/28/2005	Days: 24
Depth: 9631'	Prog: 19	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 1975	TMC: $ 48230		TDC: $ $ 37,925	CWC: $ $ 901,439	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.6	Liner:	6	Bit #:	8	9	Conductor:	$ -	Rig Move:	$	-
VIS:	41	Stroke:	10	S/N:	109988	PB0835	Surf. Csg:	$ -	Location:	$	-
PV/YP:	15/13	SPM:	110	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	7/29/34	Press:	1900	MFG:	HYCALOG	STC	Prod Csg:	$ -	BHA:	$	750
ph:	9	GPM:	400	Type:	DSX146HG	MF45H	Float Equp:	$ -	Cement:	$	-
WL:	12.8	NV:		Jets:	3/14&3/18	18/20/24	Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	9473	9619	TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2	Out:	9619		Packers:	$ -	Bits / Corehead:	$	7,500
Solids:	3.6			FTG:	146	12	Tanks:	$ -	Rental Tools:	$	5,650
Chls:	1000			Hrs:	25.5	2.5	Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.4/5.0			FPH:	5.7	4.8	Heater:	$ -	Consultant:	$	850
DAP	4.8			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	1,975
Ca:	120			WOB:	20	40	Prime Mover:	$ -	Misc. / Labor:	$	7,700
				RPM:	45-55	45	Misc:	$ -	Forklift:	$	130
				BHA:	42.4K	42.4K	Daily Total:	$ -	Daily Total:	$	37,925

Time Break Down:

START	END	TIME	
6:00	7:30	1:30	DRLG 9612' - 9616' (4 FT, 2.7 FPH).
7:30	9:30	2:00	MIRU SLICK LINE UNIT. C/O DOWNHOLE TOOLS
9:30	11:00	1:30	REPAIR PUMPS.
11:00	14:30	3:30	DRLG 9616' - 9619' (3 FT, 0.9 FPH).
14:30	15:00	0:30	MIX AND PUMP PILL
15:00	20:00	5:00	POOH FOR BIT #9
20:00	21:30	1:30	C/O BIT, MM, AND ANADRIL TOOLS.
21:30	3:00	5:30	TIH, BREAK CIRC. AT 4940'.
3:00	3:30	0:30	WASH AND REAM 60' TO BTM.
3:30	6:00	2:30	DRLG 9619' - 9631' (12 FT, 4.8 FPH).

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 40,046
Cum. Bits:	$ 89,300
Rot. Hrs:	406

PUMP	SPM	PRESS	DEPTH
Nº2	68	770	9619

UP = 220,000 LBS. DOWN = 195,000 LBS. ROTATING = 210,000 LBS.

TRIP GAS	280
CONN	30
BKG GAS	30

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/29/2005	Days: 25
Depth: 9770'	Prog: 139	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 1635	TMC: $ 49865		TDC: $ $ 25,303	CWC: $ $ 926,742	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	9.9	Liner:	6	Bit #:	9	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	PB0835	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/14	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	8/27/34	Press:	1820	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	400	Type:	MF45H	Float Equp:	$ -	Cement:	$ -
WL:	13.8	NV:		Jets:	18/20/24	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	9619	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	2	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	5			FTG:	151	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1000			Hrs:	26	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.4			FPH:	5.8	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,635
Ca:	120			WOB:	40	Prime Mover:	$ -	Misc. / Labor:	$ 1,318
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	42.4K	Daily Total:	$ -	Daily Total:	$ 25,303

Time Break Down:

START	END	TIME	
6:00	23:30	17:30	DRLG 9631' - 9745' (114 FT, 4.9 FPH).
23:30	0:00	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
0:00	6:00	6:00	DRLG 9745' - 9770' (25 FT, 4.2 FPH).

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 40,046
Cum. Bits:	$ 89,300
Rot. Hrs:	429.5

PUMP	SPM	PRESS	DEPTH
Nº2	68	770	9713

UP = 215,000 LBS. DOWN = 200,000 LBS. ROTATING = 210,000 LBS.

TRIP GAS	
CONN	60-400
BKG GAS	1000

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 1/30/2005	Days: 26
Depth: 9840' KB	Prog:	OPR:		Formation: MESAVERDE	
DMC: $ 498	TMC: $ 50363	TDC: $ $ 30,098		CWC: $ $ 956,840	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	9.9	Liner:	6	Bit #:	9		Conductor:	$ -	Rig Move:	$	-
VIS:	44	Stroke:	10	S/N:	PB0835		Surf. Csg:	$ -	Location:	$	-
PV/YP:	16/15	SPM:	110	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	9/37/49	Press:	1920	MFG:	STC		Prod Csg:	$ -	BHA:	$	2,000
ph:	9	GPM:	400	Type:	MF45H		Float Equp:	$ -	Cement:	$	-
WL:	14	NV:		Jets:	18/20/24		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	9619		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2	Out:			Packers:	$ -	Bits / Corehead:	$	-
Solids:	5			FTG:	221		Tanks:	$ -	Rental Tools:	$	5,650
Chls:	1000			Hrs:	46		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.3/5.3			FPH:	4.8		Heater:	$ -	Consultant:	$	850
DAP	5.2			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	498
KCL:	120			WOB:	42		Prime Mover:	$ -	Misc. / Labor:	$	7,600
				RPM:	45		Misc:	$ -	Forklift:	$	130
				BHA:	42.4K		Daily Total:	$ -	Daily Total:	$	30,098

Time Break Down:

START	END	TIME	
6:00	2:00	20:00	DRLG 9770' - 9840' (70 FT, 3.5 FPH).
2:00	3:00	1:00	MIX AND PUMP PILL
3:00	6:00	3:00	POOH FOR BIT #10

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 47,646
Cum. Bits:	$ 89,300
Rot. Hrs:	449.5

PUMP	SPM	PRESS	DEPTH
Nº2	68	770	9777

UP = 220,000 LBS. DOWN = 200,000 LBS. ROTATING = 210,000 LBS.

TRIP GAS	
CONN	140-200
BKG GAS	200

BHA: BIT, MM, XO, MWD, XO, MONEL, 21- 6-3/8" DC'S. TOTAL LENGTH = 751.55'

CONSULTANT: V GUINN

cc 3/9/05 028

GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

Well:	GATE CYN ~~FED~~ 41-19-11-16			Date: 2/1/2005	Days: 28
Depth: 9968' KB	Prog: 128	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 1266	TMC: $ 52449		TDC: $ $ 20,487	CWC: $ $ 993,429	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10	Liner:	6	Bit #:	10		Conductor:	$ -	Rig Move:	$	-
VIS:	44	Stroke:	10	S/N:	MW1737		Surf. Csg:	$ -	Location:	$	-
PV/YP:	15/17	SPM:	110	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	8/27/36	Press:	1550	MFG:	STC		Prod Csg:	$ -	BHA:	$	2,000
ph:	9	GPM:	384	Type:	MF45HOD		Float Equp:	$ -	Cement:	$	-
WL:	14	NV:		Jets:	24/24/24/		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	9840		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2	Out:			Packers:	$ -	Bits / Corehead:	$	-
Solids:	5			FTG:	128		Tanks:	$ -	Rental Tools:	$	1,581
Chls:	1000			Hrs:	31.5		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.4/5.6			FPH:	7.1		Heater:	$ -	Consultant:	$	850
DAP	5.5			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	1,266
KCL:	120			WOB:	5		Prime Mover:	$ -	Misc. / Labor:	$	1,290
Time Break Down:				RPM:	45		Misc:	$ -	Forklift:	$	130
				BHA:	46.5K		Daily Total:	$ -	Daily Total:	$	20,487

START	END	TIME			
6:00	10:00	4:00	WASH AND REAM TO 9840'	Cum. Wtr:	$ 9,810
10:00	14:30	4:30	DRLG 9840' - 9866' (26 FT, 5.8 FPH).	Cum. Fuel	$ 47,646
14:30	16:00	1:30	REPAIR ROTATING HEAD	Cum. Bits:	$ 89,300
16:00	16:30	0:30	PUMP REPAIR	Rot. Hrs:	467.5
16:30	6:00	13:30	DRLG 9866' - 9968' (102 FT, 7.6 FPH).		

CONFIDENTIAL

PUMP	SPM	PRESS	DEPTH
N°2	68	770	9777

UP = 220,000 LBS. DOWN = 205,000 LBS. ROTATING = 214,000 LBS.

TRIP GAS	
CONN	640
BKG GAS	40-300

BHA: BIT, MM, 24- 6-3/8" DC'S. TOTAL LENGTH = 743.28'

CONSULTANT: V GUINN

cc 9 3/9/05 029

GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/2/2005	Days: 29
Depth: 10001' KB	Prog: 33'	OPR: WASH AND REAM		Formation: MESAVERDE	
DMC: $ 2010	TMC: $ 54460		TDC: $ $ 27,231	CWC: $ $ 1,000,929	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10	Liner:	6	Bit #:	10	11	Conductor:	$ -	Rig Move:	$	-
VIS:	42	Stroke:	10	S/N:	MW1737	PB0671	Surf. Csg:	$ -	Location:	$	-
PV/YP:	14/16	SPM:	110	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	7/24/33	Press:	1650	MFG:	STC	STC	Prod Csg:	$ -	BHA:	$	500
ph:	9	GPM:	384	Type:	MF45HOD	Y57OD	Float Equp:	$ -	Cement:	$	-
WL:	14	NV:		Jets:	24/24/24/	24/24/24/	Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	9840	10001	TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	2	Out:	10001		Packers:	$ -	Bits / Corehead:	$	7,500
Solids:	5			FTG:	161		Tanks:	$ -	Rental Tools:	$	1,581
Chls:	1000			Hrs:	36.5		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.5/5.6			FPH:	7.0		Heater:	$ -	Consultant:	$	850
DAP	5.3			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	2,010
KCL:	120			WOB:	40	0	Prime Mover:	$ -	Misc. / Labor:	$	1,290
				RPM:	45	0	Misc:	$ -	Forklift:	$	130
				BHA:	46.5K	46.5K	Daily Total:	$ -	Daily Total:	$	27,231

Time Break Down:					
START	END	TIME		Cum. Wtr:	$ 9,810
6:00	11:00	5:00	DRLG 9968' - 10001' (33 FT, 6.6 FPH).	Cum. Fuel	$ 47,646
11:00	12:30	1:30	MIX AND PUMP PILL	Cum. Bits:	$ 111,800
12:30	18:00	5:30	POOH FOR BIT #11	Rot. Hrs:	472.5
18:00	19:00	1:00	CHANGE OUT MM AND BIT		
19:00	20:30	1:30	TIH TO 937'		
20:30	21:30	1:00	REPAIR PIPE SPINNER		
21:30	22:30	1:00	TIH TO 3094'.		
22:30	1:00	2:30	SLIP AND CUT 94' DRLG LINE		
1:00	2:00	1:00	RIG REPAIR		
2:00	6:00	4:00	TIH TO 9935'		

PUMP	SPM	PRESS	DEPTH
N°2	68	770	9993

UP = 220,000 LBS. DOWN = 205,000 LBS. ROTATING = 214,000 LBS.

TRIP GAS	
CONN	300-350
BKG GAS	200-300

BHA: BIT, MM, 24- 6-3/8" DC'S. TOTAL LENGTH = 777.41

CONSULTANT: V GUINN

CC
3/9/05 030

GASCO Energy

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DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/3/2005	Days: 30
Depth: 10066' KB	Prog: 65	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 713	TMC: $ 55172		TDC: $ $ 18,094	CWC: $ $ 1,000,929	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.1	Liner:	6	Bit #:	11	Conductor:	$ -	Rig Move:	$ -
VIS:	42	Stroke:	10	S/N:	PB0671	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/16	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	9/27/36	Press:	1600	MFG:	STC	Prod Csg:	$ -	BHA:	$ 1,450
ph:	9	GPM:	384	Type:	Y57OD	Float Equp:	$ -	Cement:	$ -
WL:	14.8	NV:		Jets:	24/24/24/	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10001	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:	10066	Packers:	$ -	Bits / Corehead:	$ -
Solids:	5			FTG:	65	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	14.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.5/5.6			FPH:	4.5	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 713
KCL:	120			WOB:	40	Prime Mover:	$ -	Misc. / Labor:	$ -
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 18,094

Time Break Down:				
START	END	TIME		
6:00	15:30	9:30	WASH AND REAM 9834-10001	Cum. Wtr: $ 9,810
15:30	6:00	14:30	DRLG 10001-10066' (65 FT, 4.5 FPH).	Cum. Fuel $ 47,646
				Cum. Bits: $ 111,800
				Rot. Hrs: 487

PUMP	SPM	PRESS	DEPTH
N°1	68	590	10025

UP = 220,000 LBS. DOWN = 200,000 LBS. ROTATING = 214,000 LBS.

TRIP GAS	
CONN	300-350
BKG GAS	80-300

BHA: BIT, MM, 24- 6-3/8" DC'S, TOTAL LENGTH = 777.41

CONSULTANT: V GUINN

CC 2/9/05 031

T11S R16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16				Date:	2/4/2005	Days: 31
Depth:	10205' KB	Prog:	184	OPR:	DRILLING	Formation:	MESAVERDE
DMC: $	332	TMC: $	55504	TDC: $	$ 28,720	CWC: $	$ 1,074,974
Contractor:	NABORS RIG	Mud Co:	MI			INTANGIBLE	

MW:	10.1	Liner:	6	Bit #:	11	Conductor:	$ -	Rig Move:	$ -
VIS:	45	Stroke:	10	S/N:	PB0671	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/16	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	8/27/37	Press:	1660	MFG:	STC	Prod Csg:	$ -	BHA:	$ 1,450
ph:	9	GPM:	384	Type:	Y57OD	Float Equp:	$ -	Cement:	$ -
WL:	16.8	NV:		Jets:	24/24/24/	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10001	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	4			FTG:	204	Tanks:	$ -	Rental Tools:	$ 4,081
Chls:	1000			Hrs:	37.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.3			FPH:	5.4	Heater:	$ -	Consultant:	$ 850
DAP	5.1			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 332
KCL:	120			WOB:	39	Prime Mover:	$ -	Misc. / Labor:	$ 8,507
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 28,720

Time Break Down:

START	END	TIME	
6:00	11:00	5:00	DRLG 10066-10092' (26 FT, 5.2 FPH).
11:00	11:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
11:30	15:30	4:00	DRLG 10092-10120' (28 FT, 7.0 FPH).
15:30	16:00	0:30	REPAIR TORQUE INDICATOR
16:00	6:00	14:00	DRLG 10120-10205' (85 FT, 6.1 FPH).

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 55,383
Cum. Bits:	$ 111,800
Rot. Hrs:	510

PUMP	SPM	PRESS	DEPTH
N°2	68	730	10152

UP = 225,000 LBS. DOWN = 205,000 LBS. ROTATING = 215,000 LBS.

TRIP GAS

CONN 400

BHA: BIT, MM, 24- 6-3/8" DC'S. TOTAL LENGTH = 777.41

BKG GAS 200-300

CONSULTANT: V GUINN

CC 3/9/05

032

T11S R16E S-19
43-043-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 2/6/2005	Days: 33
Depth: 10227' KB	Prog: 0	OPR: POOH W/ MILL		Formation: MEASAVERDE	
DMC: $ 572	TMC: $ 56,900		TDC: $ $ 39,639	CWC: $ $ 1,154,505	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.3	Liner:	6	Bit #:			Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:			Surf. Csg:	$ -	Location:	$ -
PV/YP:	15/17	SPM:	110	Size:			Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	9/25/40	Press:		MFG:			Prod Csg:	$ -	BHA:	$ 750
ph:	9	GPM:	384	Type:			Float Equp:	$ -	Cement:	$ -
WL:	12.8	NV:		Jets:			Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:			TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:			Packers:	$ -	Bits / Corehead:	$ 18,900
Solids:	5			FTG:			Tanks:	$ -	Rental Tools:	$ 4,081
Chls:	1000			Hrs:			Separator:	$ -	Fuel:	$ 95
Pf/Mf:	.4/5.5			FPH:			Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ 572
KCL:	120			WOB:			Prime Mover:	$ -	Misc. / Labor:	$ 986
Time Break Down:				RPM:			Misc:	$ -	Forklift:	$ 130
				BHA:			Daily Total:	$ -	Daily Total:	$ 39,639

START	END	TIME			
6:00	8:00	2:00	CIRC TO BTM	Cum. Wtr:	$ 9,810
8:00	8:30	0:30	WORK MAGNET ON BTM	Cum. Fuel	$ 55,383
8:30	14:00	5:30	POOH W/ MAGNET	Cum. Bits:	$ 130,700
14:00	17:00	3:00	RETEST BOP AND PRESS. CONTROL EQUIPMENT	Rot. Hrs:	517.5
17:00	19:00	2:00	W/O MILL		
19:00	19:30	0:30	MAKE UP BOTTOM HOLE TOOLS		
19:30	0:00	4:30	TIH W/ MILL		
0:00	2:30	2:30	FILL PIPE, WASH TO BTM, AND MILL ON JUNK		
2:30	6:00	3:30	POOH W/ MILL		

TRIP GAS	950
CONN	N/A
BKG GAS	N/A

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T 11S R 16E S-19
43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 2/7/2005	Days: 34
Depth: 10278' KB	Prog: 51	OPR: DRILLING		Formation: MEASAVERDE	
DMC: $ 572	TMC: $ 57,472		TDC: $ $ 35,759	CWC: $ $ 1,190,264	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.3	Liner:	6	Bit #:	12	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	MW5351	Surf. Csg:	$ -	Location:	$ -
PV/YP:	15/17	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	8/25/37	Press:	1630	MFG:	STC	Prod Csg:	$ -	BHA:	$ 1,100
ph:	9	GPM:	384	Type:	Y57OD	Float Equp:	$ -	Cement:	$ -
WL:	14	NV:		Jets:	24/24/24/	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10227	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ 8,500
Solids:	4			FTG:	51	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	11	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.5			FPH:	4.6	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 572
KCL:	120			WOB:	40	Prime Mover:	$ -	Misc. / Labor:	$ 9,656
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 35,759

Time Break Down:

START	END	TIME	
6:00	8:00	2:00	POOH W/ MILL
8:00	9:00	1:00	PU BIT, JB, AND MM
9:00	11:00	2:00	TIH
11:00	13:00	2:00	SLIP AND CUT DRLG LINE
13:00	16:00	3:00	TIH
16:00	19:00	3:00	WASH AND REAM 90' TO BTM, CLEAN UP BOTTOM OF HOLE
19:00	6:00	11:00	DRLG 10227-10278' (51 FT, 4.6 FPH).

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 63,152
Cum. Bits:	$ 139,200
Rot. Hrs:	528.5

PUMP	SPM	PRESS	DEPTH
Nº2	68	730	10216

UP = 225,000 LBS. DOWN = 210,000 LBS. ROTATING = 216,000 LBS.

TRIP GAS	820
CONN	220
BKG GAS	100

BHA: BIT, JB, MM, 24- 6-3/8" DC'S. TOTAL LENGTH = 777.41

CONSULTANT: V GUINN

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43-013-32611

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 2/8/2005	Days: 35
Depth: 10278' KB	Prog: 0	OPR: POOH W/ JUNK BASKET		Formation: MESAVERDE	
DMC: $ 1174	TMC: $ 58,646		TDC: $ $ 17,105	CWC: $ $ 1,190,264	
Contractor: NABORS RIG		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.3	Liner:	6	Bit #:	12	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	MW5351	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/17	SPM:	104	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	8/25/37	Press:	1300	MFG:	STC	Prod Csg:	$ -	BHA:	$ -
ph:	9	GPM:	363	Type:	Y57OD	Float Equp:	$ -	Cement:	$ -
WL:	13.8	NV:		Jets:	24/24/24/	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10227	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:	10278	Packers:	$ -	Bits / Corehead:	$ -
Solids:	4			FTG:	51	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	11	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.2			FPH:	4.6	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,174
Ca:	120			WOB:	40	Prime Mover:	$ -	Misc. / Labor:	$ -
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 17,105

Time Break Down:

START	END	TIME	
6:00	6:30	0:30	DRLG 10278-10278' (0 FT, 0 FPH).
6:30	8:00	1:30	BUILD AND PUMP PILL
8:00	13:00	5:00	POOH W/ BIT #12
13:00	14:00	1:00	LAY DOWN BIT AND MM
14:00	16:30	2:30	WO JUNK BASKET
16:30	18:00	1:30	MAKE UP TOOLS
18:00	23:00	5:00	TIH W/ JUNK BASKET
23:00	3:00	4:00	MILL OVER JUNK
3:00	6:00	3:00	POOH W/ FISHING TOOLS

PUMP	SPM	PRESS	DEPTH
Nº2	68	730	10216

Cum. Wtr:	$ 9,810
Cum. Fuel	$ 63,152
Cum. Bits:	$ 139,200
Rot. Hrs:	528.5
TRIP GAS	350
CONN	
BKG GAS	

BHA: JB, JS, BS, 24- 6-3/8" DC'S. TOTAL LENGTH = 753.21

CONSULTANT: V GUINN

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T11S R16E S-19
43-013-32611

GASCO ENERGY
DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

2/9/2005

Well: GATE CYN	FED 41-19-11-16			Date: ~~4/26/2003~~	Days: 36
Depth: 10304' KB	Prog: 26	OPR: WO IMPREG		Formation: MESAVERDE	
DMC: $ 378	TMC: $ 59,024		TDC: $ $ 36,309	CWC: $ $ 1,190,264	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.3	Liner:	6	Bit #:	13	Conductor:	$ -	Rig Move:	$ -
VIS:	46	Stroke:	10	S/N:	MW4052	Surf. Csg:	$ -	Location:	$ -
PV/YP:	15/18	SPM:	104	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/29/39	Press:	1550	MFG:	STC	Prod Csg:	$ -	BHA:	$ 500
ph:	9	GPM:	363	Type:	Y57OD	Float Equp:	$ -	Cement:	$ -
WL:	13.8	NV:		Jets:	24/24/24	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10278	TBG/Rods:	$ -	Water:	$ 5,108
Sand:		Dev:	1.5	Out:	10304	Packers:	$ -	Bits / Corehead:	$ 8,500
Solids:	5.5			FTG:	26	Tanks:	$ -	Rental Tools:	$ 4,742
Chls:	1100			Hrs:	5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.39/5.4			FPH:	5.2	Heater:	$ -	Consultant:	$ 850
DAP	5.2			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 378
Ca:	120			WOB:	39	Prime Mover:	$ -	Misc. / Labor:	$ 2,731
				RPM:	45	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 36,309

Time Break Down:

START	END	TIME	
6:00	9:30	3:30	POOH W/ FISHING TOOLS
9:30	10:30	1:00	LAID DOWN TOOLS
10:30	13:00	2:30	REPAIR MUD PUMPS
13:00	13:30	0:30	PU BHA
13:30	18:00	4:30	TIH
18:00	18:30	0:30	WASH AND REAM 90' TO BTM
18:30	0:00	5:30	DRLG 10278-10304' (26 FT, 5.2 FPH).
0:00	5:30	5:30	PUMPED PILL AND POOH
5:30	6:00	0:30	LAID DOWN BIT AND MM

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 147,700
Rot. Hrs:	533.5

PUMP	SPM	PRESS	DEPTH
Nº2	68	730	10216

UP = 225,000 LBS. DOWN = 210,000 LBS. ROTATING = 216,000 LBS.

TRIP GAS	200
CONN	
BKG GAS	100

BHA: BIT, JB, MM, 24- 6-3/8" DC'S. TOTAL LENGTH = 780.25

CONSULTANT: V GUINN

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GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 2/10/2005	Days: 37
Depth: 10350' KB	Prog: 46	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 626	TMC: $ 59650		TDC: $ $ 27,127	CWC: $ $ 1,190,264	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.3	Liner:	6	Bit #:	14	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	JT4800	Surf. Csg:	$ -	Location:	$ -
PV/YP:	18/18	SPM:	109	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	12/28/35	Press:	1720	MFG:	STC	Prod Csg:	$ -	BHA:	$ 1,300
ph:	9	GPM:	380	Type:	KGR50BPX	Float Equp:	$ -	Cement:	$ -
WL:	13.8	NV:		Jets:	1.0	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10304	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ 8,500
Solids:	5.5			FTG:	46	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	13	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.5			FPH:	3.5	Heater:	$ -	Consultant:	$ 850
DAP	5.2			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 626
Ca:	120			WOB:	60	Prime Mover:	$ -	Misc. / Labor:	$ 770
				RPM:	60	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 27,127

Time Break Down:

START	END	TIME	
6:00	6:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
6:30	7:30	1:00	WO BIT
7:30	9:00	1:30	PU BIT & BHA
9:00	10:00	1:00	TIH TO 2962'
10:00	12:00	2:00	SLIP AND CUT 95' DRLG LINE
12:00	17:00	5:00	TIH WASHING 60' TO BTM
17:00	6:00	13:00	DRLG 10278-10304' (26 FT, 5.2 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 156,200
Rot. Hrs:	546.5

PUMP	SPM	PRESS	DEPTH
Nº2	68	710	10344

UP = 220,000 LBS. DOWN = 215,000 LBS. ROTATING = 215,000 LBS.

TRIP GAS	770
CONN	90-100
BKG GAS	60

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 841.72

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T-11S R-16E S-19 43-013-32611

Well: GATE CYN	FED 41-19-11-16			Date: 2/11/2005	Days: 38
Depth: 10430' KB	Prog:	OPR: DRILLING		Formation: MESAVERDE	
DMC: $ 1209	TMC: $ 60859		TDC: $ $ 20,260	CWC: $ $ 1,190,264	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.4	Liner:	6	Bit #:	14	Conductor:	$ -	Rig Move:	$ -
VIS:	43	Stroke:	10	S/N:	JT4800	Surf. Csg:	$ -	Location:	$ -
PV/YP:	17/19	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	14/34/42	Press:	1680	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	384	Type:	KGR50BPX	Float Equp:	$ -	Cement:	$ -
WL:	8	NV:		Jets:	1.0	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10304	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	11.5			FTG:	126	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:	36.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.5			FPH:	3.5	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,209
Ca:	120			WOB:	50	Prime Mover:	$ -	Misc. / Labor:	$ 770
				RPM:	60	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 20,260

Time Break Down:

START	END	TIME	
6:00	19:30	13:30	DRLG 10350-10396' (46 FT, 3.4 FPH).
19:30	20:00	0:30	REPAIR ROT. HD AND UNPLUG FLOWLINE
20:00	6:00	10:00	DRLG 10396-10430' (34 FT, 3.4 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 156,200
Rot. Hrs:	570

PUMP	SPM	PRESS	DEPTH
Nº2	68	680	10406

UP = 235,000 LBS. DOWN = 215,000 LBS. ROTATING = 222,000 LBS.

TRIP GAS	
CONN	200
BKG GAS	180-200

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 841.72

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/12/2005	Days: 39
Depth: 10527'	Prog: 97	OPR: DRILLING		Formation: CASTLEGATE	
DMC: $ 1280	TMC: $ 62138		TDC: $ $ 20,226	CWC: $ $ 1,318,725	
Contractor: NABORS RIG		Mud Co: MI		INTANGIBLE	

MW:	10.4	Liner:	6	Bit #:	14	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	JT4800	Surf. Csg:	$ -	Location:	$ -
PV/YP:	18/17	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	9/26/33	Press:	1640	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	384	Type:	KGR50BPX	Float Equp:	$ -	Cement:	$ -
WL:	8.2	NV:		Jets:	1.0	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10304	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	11.5			FTG:	223	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1300			Hrs:	60	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.0			FPH:	3.7	Heater:	$ -	Consultant:	$ 850
LCM:	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,280
Ca:	120			WOB:	22	Prime Mover:	$ -	Misc. / Labor:	$ 665
				RPM:	50	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 20,226

Time Break Down:

START	END	TIME	
6:00	15:30	9:30	DRLG 10430-10470' (40 FT, 4.2 FPH).
15:30	16:00	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
16:00	6:00	14:00	DRLG 10470-10527' (57 FT, 4.1 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 156,200
Rot. Hrs:	593.5

PUMP	SPM	PRESS	DEPTH
Nº2	69	350	10502

UP = 230,000 LBS. DOWN = 215,000 LBS. ROTATING = 220,000 LBS.

TRIP GAS	
CONN	360
BKG GAS	80-200

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 841.72

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

CONFIDENTIAL

Well:	GATE CYN FED 41-19-11-16			Date: 2/13/2005	Days: 40
Depth: 10603'	Prog: 76	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 2452	TMC: $ 64589		TDC: $ $ 21,867	CWC: $ $ 1,340,592	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.3	Liner:	6	Bit #:	14	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	JT4800	Surf. Csg:	$ -	Location:	$ -
PV/YP:	18/18	SPM:	110	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/29/37	Press:	1690	MFG:	STC	Prod Csg:	$ -	BHA:	$ 2,250
ph:	9	GPM:	384	Type:	KGR50BPX	Float Equp:	$ -	Cement:	$ -
WL:	9	NV:		Jets:	1.0	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10304	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	11			FTG:	299	Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1400			Hrs:	82.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.2			FPH:	3.6	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 2,452
Ca:	120			WOB:	22	Prime Mover:	$ -	Misc. / Labor:	$ 1,234
				RPM:	50	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 21,867

Time Break Down:

START	END	TIME	
6:00	17:00	11:00	DRLG 10527-10566' (39 FT, 3.5 FPH).
17:00	17:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
17:30	3:00	9:30	DRLG 10566-10598' (32 FT, 3.2 FPH).
3:00	4:00	1:00	C/O ROTATING HEAD RUBBER
4:00	6:00	2:00	DRLG 10598-10603' (5 FT, 2.5 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 156,200
Cum. Rot. Hrs	616

PUMP	SPM	PRESS	DEPTH
Nº2	69	650	10598

UP = 235,000 LBS. DOWN = 210,000 LBS. ROTATING = 222,000 LBS.

TRIP GAS	
CONN	680
BKG GAS	100-400

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 841.72

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

CONFIDENTIAL

Well: GATE CYN FED 41-19-11-16				Date: 2/14/2005	Days: 41
Depth: 10659'	Prog: 48	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 604	TMC: $ 65193		TDC: $ $ 21,204	CWC: $ $ 1,340,592	
Contractor: NABORS	Mud Co: MI		TANGIBLE	INTANGIBLE	

MW:	10.4	Liner:	6	Bit #:	14	15	Conductor:	$ -	Rig Move: $ -
VIS:	44	Stroke:	10	S/N:	JT4800	108749	Surf. Csg:	$ -	Location: $ -
PV/YP:	19/17	SPM:	105	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost: $ 12,500
Gel:	10/29/37	Press:	1900	MFG:	STC	HYCALOG	Prod Csg:	$ -	BHA: $ 600
ph:	9	GPM:	366	Type:	KGR50BPX	DSX199GJUV	Float Equp:	$ -	Cement: $ -
WL:	9	NV:		Jets:	1.0	3-14,3-18	Well Head:	$ -	Mud Logger: $ 775
Cake:	1	AV:		In:	10304	10611	TBG/Rods:	$ -	Water: $ -
Sand:		Dev:	1.5	Out:	10611		Packers:	$ -	Bits / Corehead: $ -
Solids:	11.5			FTG:	307	48	Tanks:	$ -	Rental Tools: $ 5,650
Chls:	1500			Hrs:	85	6	Separator:	$ -	Corrosion: $ 95
Pf/Mf:	.4/5.2			FPH:	3.6	8	Heater:	$ -	Consultant: $ 850
DAP	5.2			T/B/G:			Pumping L/T:	$ -	Drilling Mud: $ 604
Ca:	120			WOB:	22	10	Prime Mover:	$ -	Misc. / Labor: $ -
				RPM:	50	60/48	Misc:	$ -	Forklift: $ 130
				BHA:	46.5K	46.5K	Daily Total:	$ -	Daily Total: $ 21,204

Time Break Down:

START	END	TIME	
6:00	8:30	2:30	DRLG 10603-10611' (8 FT, 3.2 FPH).
8:30	9:00	0:30	PUMP PILL AND DROP SURVEY
9:00	15:00	6:00	POOH W/ BIT #14
15:00	16:30	1:30	ATTEMPT TO REMOVE SURVEY TOOL W/O SUCCESS
16:30	18:00	1:30	CHANGE OUT BHA
18:00	23:00	5:00	TIH W/ BIT #15
23:00	0:00	1:00	WASH AND REAM 90' TO BTM
0:00	6:00	6:00	DRLG 10611-10659' (48 FT, 8.0 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 63,152
Cum. Bits:	$ 156,200
Cum. Rot. Hrs	622

PUMP	SPM	PRESS	DEPTH
N°2	69	650	10629

UP = 240,000 LBS. DOWN = 205,000 LBS. ROTATING = 225,000 LBS.

TRIP GAS	1300
CONN	1200
BKG GAS	200-400

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well: GATE CYN	FED 41-19-11-16			Date: 2/15/2005	Days: 42
Depth: 10659'	Prog: 48	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 2704	TMC: $ 67898		TDC: $ $ 35,812	CWC: $ $ 1,340,592	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.4	Liner:	6	Bit #:	15		Conductor:	$ -	Rig Move:	$	-
VIS:	46	Stroke:	10	S/N:	108749		Surf. Csg:	$ -	Location:	$	-
PV/YP:	19/20	SPM:	105	Size:	7-7/8"		Int. Csg:	$ -	Rig Cost:	$	12,500
Gel:	11/33/50	Press:	1900	MFG:	HYCALOG		Prod Csg:	$ -	BHA:	$	600
ph:	9	GPM:	366	Type:	DSX199GJUW		Float Equp:	$ -	Cement:	$	-
WL:	9.2	NV:		Jets:	3-14,3-18		Well Head:	$ -	Mud Logger:	$	775
Cake:	1	AV:		In:	10611		TBG/Rods:	$ -	Water:	$	-
Sand:		Dev:	1.5	Out:			Packers:	$ -	Bits / Corehead:	$	-
Solids:	11.5			FTG:	187		Tanks:	$ -	Rental Tools:	$	5,650
Chls:	1600			Hrs:	29		Separator:	$ -	Corrosion:	$	95
Pf/Mf:	.4/5.2			FPH:	6.4		Heater:	$ -	Consultant:	$	850
DAP	5.2			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$	2,704
Ca:	120			WOB:	20		Prime Mover:	$ -	Misc. / Labor:	$	12,508
Time Break Down:				RPM:	50/48		Misc:	$ -	Forklift:	$	130
START	END	TIME		BHA:	46.5K		Daily Total:	$ -	Daily Total:	$	35,812

START	END	TIME			
6:00	15:00	9:00	DRLG 10659-10723' (64 FT, 7.1 FPH).	Cum. Wtr:	$ 14,918
15:00	15:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC	Cum. Fuel	$ 71,530
15:30	17:00	1:30	DRLG 10723-10750' (27 FT, 18 FPH).	Cum. Bits:	$ 156,200
17:00	17:30	0:30	WORK ON LIGHT PLANT	Cum. Rot. Hrs	645
17:30	6:00	12:30	DRLG 10750-10798' (48 FT, 3.8 FPH).		

PUMP	SPM	PRESS	DEPTH
Nº2	65	790	10753

UP = 240,000 LBS. DOWN = 220,000 LBS. ROTATING = 230,000 LBS.

TRIP GAS	
CONN	150
BKG GAS	100

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/16/2005	Days: 43
Depth: 10895'	Prog: 97	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 2424	TMC: $ 70321		TDC: $ $ 39,721	CWC: $ $ 1,340,592	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.5	Liner:	6	Bit #:	15	Conductor:	$ -	Rig Move:	$ -
VIS:	45	Stroke:	10	S/N:	108749	Surf. Csg:	$ -	Location:	$ -
PV/YP:	19/20	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/30/45	Press:	1970	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	8.8	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10611	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.5	Out:		Packers:	$ -	Bits / Corehead:	$ 9,000
Solids:	12			FTG:	284	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1700			Hrs:	52	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.2			FPH:	5.5	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 2,424
Ca:	120			WOB:	20	Prime Mover:	$ -	Misc. / Labor:	$ 5,947
				RPM:	50/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 39,721

Time Break Down:

START	END	TIME	
6:00	18:00	12:00	DRLG 10798-10851' (53 FT, 4.4 FPH).
18:00	18:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
18:30	6:00	11:30	DRLG 10851-10895' (27 FT, 18 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 71,530
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	668

PUMP	SPM	PRESS	DEPTH
N°2	65	790	10753

UP = 240,000 LBS. DOWN = 220,000 LBS. ROTATING = 230,000 LBS.

TRIP GAS	
CONN	150
BKG GAS	100

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/17/2005	Days: 44
Depth: 10895'	Prog: 97	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 2019	TMC: $ 72340			TDC: $ $ 39,063	CWC: $ $ 1,340,592
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.5	Liner:	6	Bit #:	15	16	Conductor:	$ -	Rig Move:	$ -
VIS:	45	Stroke:	10	S/N:	108749	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	18/18	SPM:	105	Size:	7-7/8"	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/30/45	Press:	1900	MFG:	HYCALOG	HYCALOG	Prod Csg:	$ -	BHA:	$ 1,100
ph:	9	GPM:	366	Type:	DSX199GJUV	DSX199GJUV	Float Equp:	$ -	Cement:	$ -
WL:	9	NV:		Jets:	3-14,3-18	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10611	10897	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:	10897		Packers:	$ -	Bits / Corehead:	$ 7,500
Solids:	12			FTG:	286	111	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1600			Hrs:	53	10	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.2			FPH:	5.4	11.1	Heater:	$ -	Consultant:	$ 850
DAP	5.3			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ 2,019
Ca:	120			WOB:	20	15	Prime Mover:	$ -	Misc. / Labor:	$ 8,444
				RPM:	50/48	50/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	46.5K	Daily Total:	$ -	Daily Total:	$ 39,063

Time Break Down:

START	END	TIME	
6:00	7:00	1:00	DRLG 10895-10897' (2 FT, 2 FPH).
7:00	7:30	0:30	PUMP PILL
7:30	13:00	5:30	POOH W/ BIT #15
13:00	14:00	1:00	CHANGE OUT BIT AND MM
14:00	19:00	5:00	TIH W/ BIT #16
19:00	20:00	1:00	WASH AND REAM 90' TO BTM
20:00	6:00	10:00	DRLG 10897-11008' (111 FT, 11.1 FPH).

Cum. Wtr:	$ 14,918
Cum. Fuel	$ 79,974
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	679

PUMP	SPM	PRESS	DEPTH
Nº2	65	790	10753

UP = 240,000 LBS. DOWN = 220,000 LBS. ROTATING = 230,000 LBS.

TRIP GAS	
CONN	150
BKG GAS	100

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T 11S R 16E S-19 43-013-32611

Well: GATE CYN	FED 41-19-11-16			Date: 2/18/2005	Days: 45
Depth: 11263'	Prog: 255	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 963	TMC: $ 73304		TDC: $ $ 26,352	CWC: $ $ 1,340,592	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.5	Liner:	6	Bit #:	16	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	19/17	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/33/45	Press:	1850	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	9	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10897	TBG/Rods:	$ -	Water:	$ 1,163
Sand:		Dev:	1.2	Out:		Packers:	$ -	Bits / Corehead:	
Solids:	12			FTG:	366	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1700			Hrs:	33.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.2			FPH:	10.9	Heater:	$ -	Consultant:	$ 850
DAP	5.4			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 963
Ca:	120			WOB:	15	Prime Mover:	$ -	Misc. / Labor:	$ 1,876
				RPM:	50/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 26,352

Time Break Down:

START	END	TIME	
6:00	11:00	5:00	DRLG 11008-11041' (33 FT, 6.61 FPH).
11:00	11:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
11:30	6:00	18:30	DRLG 11041-11263' (222 FT, 12.0 FPH).

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 79,974
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	702.5

PUMP	SPM	PRESS	DEPTH
Nº2	65	790	10753

UP = 240,000 LBS. DOWN = 220,000 LBS. ROTATING = 230,000 LBS.

TRIP GAS	
CONN	700-750
BKG GAS	600

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/19/2005	Days: 46
Depth: 11263'	Prog: 255	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 3277	TMC: $ 76580		TDC: $ $ 26,827	CWC: $ $ 1,340,592	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.6	Liner:	6	Bit #:	16	Conductor:	$ -	Rig Move:	$ -
VIS:	46	Stroke:	10	S/N:	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	20/19	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	11/31/49	Press:	1850	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	9	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10897	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	12			FTG:	515	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1500			Hrs:	57	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/4.9			FPH:	9.0	Heater:	$ -	Consultant:	$ 850
DAP	5.6			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 3,277
Ca:	120			WOB:	15	Prime Mover:	$ -	Misc. / Labor:	$ 1,200
				RPM:	50/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 26,827

Time Break Down:

START	END	TIME	
6:00	9:00	3:00	DRLG 11263-11295' (32 FT, 10.6 FPH).
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
9:30	6:00	20:30	DRLG 11295-11412' (117 FT, 5.7 FPH).

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 79,974
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	726

PUMP	SPM	PRESS	DEPTH
Nº2	66	880	11359

UP = 250,000 LBS. DOWN = 225,000 LBS. ROTATING = 232,000 LBS.

TRIP GAS	
CONN	700-750
BKG GAS	600

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well: GATE CYN	FED 41-19-11-16			Date: 2/20/2005	Days: 47
Depth: 11650'	Prog: 238	OPR: DRILLING		Formation: BLACKHAWK	
DMC: $ 1907	TMC: $ 78487		TDC: $ $ 32,960	CWC: $ $ 1,340,592	
Contractor: NABORS	Mud Co: MI		TANGIBLE	INTANGIBLE	

MW:	10.5	Liner:	6	Bit #:	16	Conductor:	$ -	Rig Move:	$ -
VIS:	44	Stroke:	10	S/N:	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	18/18	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	10/29/41	Press:	1870	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,350
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	9	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10897	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	11.5			FTG:	753	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1300			Hrs:	80.5	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/5.4			FPH:	9.4	Heater:	$ -	Consultant:	$ 850
DAP	6			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 1,907
Ca:	120			WOB:	20	Prime Mover:	$ -	Misc. / Labor:	$ 8,703
				RPM:	55/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 32,960

Time Break Down:

START	END	TIME	
6:00	18:00	12:00	DRLG 11412-11502' (90 FT, 7.5 FPH).
18:00	18:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
18:30	6:00	11:30	DRLG 11502-11650' (148 FT, 12.3 FPH).

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 88,677
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	749.5

PUMP	SPM	PRESS	DEPTH
Nº2	66	870	11519

UP = 250,000 LBS. DOWN = 230,000 LBS. ROTATING = 240,000 LBS.

TRIP GAS	
CONN	2000-2500
BKG GAS	1000-1500

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

T11S R16E S-19 43-013-32611

CONFIDENTIAL

Well: GATE CYN FED 41-19-11-16				Date: 2/21/2005	Days: 48
Depth: 11925'	Prog: 275'	OPR: SHORT TRIP		Formation: BLACKHAWK	
DMC: $ 952	TMC: $ 79440			TDC: $ $ 23,102	CWC: $ $ 1,587,333
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.5	Liner:	6	Bit #:	16	Conductor:	$ -	Rig Move:	$ -
VIS:	41	Stroke:	10	S/N:	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	13/18	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	12/23/32	Press:	1870	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ 2,150
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	16.8	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10897	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:		Packers:	$ -	Bits / Corehead:	$ -
Solids:	11.5			FTG:	1028	Tanks:	$ -	Rental Tools:	$ 5,650
Chls:	1000			Hrs:	102	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/6.6			FPH:	10.1	Heater:	$ -	Consultant:	$ 850
DAP	5.9			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 952
Ca:	100			WOB:	20	Prime Mover:	$ -	Misc. / Labor:	$ -
				RPM:	55/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 23,102

Time Break Down:

START	END	TIME	
6:00	9:00	3:00	DRLG 11650-11710' (60 FT, 20 FPH).
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST BOT, HCR, CROWNOMATIC
9:30	4:00	18:30	DRLG 11710-11925' (215 FT,11.6 FPH).
4:00	5:30	1:30	CIRC AND COND HOLE
5:30	6:00	0:30	SHORT TRIP 10 STDS
			REACHED 11,925' TD AT 04:30. 2/21/2005
			PUMP SPM PRESS DEPTH
			Nº2 66 880 11868

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 88,677
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	771

UP = 250,000 LBS. DOWN = 235,000 LBS. ROTATING = 245,000 LBS.

TRIP GAS	
CONN	2000-2500
BKG GAS	1000-1500

BHA: BIT, MM, XO, MWD, XO, MONEL, 24- 6-3/8" DC'S. TOTAL LENGTH = 840.48

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well: GATE CYN	FED 41-19-11-16			Date: 2/22/2005	Days: 49
Depth: 11925 TD	Prog: 0'	OPR: TRIP IN HOLE		Formation: BLACKHAWK	
DMC: $ 481	TMC: $ 79920			TDC: $ $ 83,618	CWC: $ $ 1,621,071
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.7	Liner:	6	Bit #:	16	Conductor:	$ -	Rig Move:	$ -
VIS:	42	Stroke:	10	S/N:	109407	Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/16	SPM:	105	Size:	7-7/8"	Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	12/23/32	Press:	1870	MFG:	HYCALOG	Prod Csg:	$ -	BHA:	$ -
ph:	9	GPM:	366	Type:	DSX199GJUW	Float Equp:	$ -	Cement:	$ -
WL:	16	NV:		Jets:	3-14,3-18	Well Head:	$ -	Mud Logger:	$ 775
Cake:	1	AV:		In:	10897	TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:	11925	Packers:	$ -	Bits / Corehead:	$ -
Solids:	12			FTG:	1028	Tanks:	$ -	Rental Tools:	$ 7,250
Chls:	1000			Hrs:	102	Separator:	$ -	Corrosion:	$ 95
Pf/Mf:	.4/6.6			FPH:	10.1	Heater:	$ -	Consultant:	$ 850
DAP	5.8			T/B/G:		Pumping L/T:	$ -	Drilling Mud:	$ 481
Ca:	100			WOB:	20	Prime Mover:	$ -	Misc. / Labor:	$ 61,537
				RPM:	55/48	Misc:	$ -	Forklift:	$ 130
				BHA:	46.5K	Daily Total:	$ -	Daily Total:	$ 83,618

Time Break Down:

START	END	TIME	
6:00	7:00	1:00	SHORT TRIP 10 STDS
7:00	9:00	2:00	CIRC AND COND HOLE
9:00	15:30	6:30	POOH FOR LOGS
15:30	18:00	2:30	LAID DOWN MWD TOOLS AND MM
18:00	1:00	7:00	RU SCHLUMBERGER AND RUN OPEN HOLE LOGS:
			PLATFORM EXPRESS W/ BHC SONIC AND MIRCO IMAGER LOG FROM 11925', LTD TO
			BASE SURFACE CSG AT 3018'. RAN GR 11,925' LTD TO SURFACE.
			REACHED 11,925' TD AT 04:30. 2/21/2005
1:00	2:30	1:30	RD SCHLUMBERGER
2:30	6:00	3:30	TIH

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 88,677
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	771

PUMP	SPM	PRESS	DEPTH
Nº2	66	880	11868

UP = 250,000 LBS. DOWN = 235,000 LBS. ROTATING = 245,000 LBS.

TRIP GAS

CONN

BKG GAS

BHA:

CONSULTANT: V GUINN

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GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well: Gate Cyn	FED 41-19-11-16			Date: 2/23/2005	Days: 50
Depth: 11925 TD	Prog: 0'	OPR: RUNNING 4½" CSG		Formation: BLACKHAWK	
DMC: $ 943	TMC: $ 80863		TDC: $ $ 20,888	CWC: $ $ 1,722,883	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.7	Liner:	6	Bit #:			Conductor:	$ -	Rig Move:	$ -
VIS:	42	Stroke:	10	S/N:			Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/16	SPM:	105	Size:			Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	12/23/32	Press:		MFG:			Prod Csg:	$ -	BHA:	$ -
ph:	9	GPM:	366	Type:			Float Equp:	$ 1,824	Cement:	$ -
WL:	16	NV:		Jets:			Well Head:	$ -	Mud Logger:	$ -
Cake:	1	AV:		In:			TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:			Packers:	$ -	Bits / Corehead:	$ -
Solids:	12			FTG:			Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:			Separator:	$ -	Corrosion:	$ -
Pf/Mf:	.4/6.6			FPH:			Heater:	$ -	Consultant:	$ 850
DAP	5.8			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ 943
Ca:	100			WOB:			Prime Mover:	$ -	Misc. / Labor:	$ 3,060
				RPM:			Misc:	$ -	Forklift:	$ 130
				BHA:			Daily Total:	$ 1,824	Daily Total:	$ 19,064

Time Break Down:

START	END	TIME	
6:00	8:30	2:30	FINISH TIH WASHING 90' TO BTM
8:30	11:00	2:30	CIRC AND COND HOLE
11:00	12:00	1:00	RU FRANK'S-WESTATES LAYDOWN MACHINE
12:00	0:00	12:00	POOH LAYING DOWN DP&DC
0:00	2:00	2:00	RU FRANK'S-WESTATES CASING SERVICE
2:00	6:00	4:00	RAN AND LANDED 1187.97' OF 4½", 13.5#, P-110, LT&C CSG AT 11925' W/ FC AT 11,885.3' AND MARKER JT AT 9592.89' AND 7518.72' INCOMPLETE.

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 88,677
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	771

PUMP	SPM	PRESS	DEPTH
Nº2	66	880	11868

UP = 250,000 LBS. DOWN = 235,000 LBS. ROTATING = 245,000 LBS.

TRIP GAS

CONN

BKG GAS

BHA:

CONSULTANT: V GUINN

050

GASCO Energy

GASCO ENERGY

DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

T11S R16E S-19 43-013-32611

Well:	GATE CYN FED 41-19-11-16			Date: 2/24/2005	Days: 51
Depth: 11925 TD	Prog: 0'	OPR: RUNNING 4½" CSG		Formation: BLACKHAWK	
DMC: $ 0	TMC: $ 80863		TDC: $ $ 83,821	CWC: $ $ 1,724,915	
Contractor: NABORS		Mud Co: MI		TANGIBLE	INTANGIBLE

MW:	10.7	Liner:	6	Bit #:			Conductor:	$ -	Rig Move:	$ -
VIS:	42	Stroke:	10	S/N:			Surf. Csg:	$ -	Location:	$ -
PV/YP:	14/16	SPM:	105	Size:			Int. Csg:	$ -	Rig Cost:	$ 12,500
Gel:	12/23/32	Press:		MFG:			Prod Csg:	$ -	BHA:	$ -
ph:	9	GPM:	366	Type:			Float Equp:	$ 1,824	Cement:	$ 43,403
WL:	16	NV:		Jets:			Well Head:	$ 1,508	Mud Logger:	$ -
Cake:	1	AV:		In:			TBG/Rods:	$ -	Water:	$ -
Sand:		Dev:	1.2	Out:			Packers:	$ -	Bits / Corehead:	$ -
Solids:	12			FTG:			Tanks:	$ -	Rental Tools:	$ 1,581
Chls:	1000			Hrs:			Separator:	$ -	Corrosion:	$ -
Pf/Mf:	.4/6.6			FPH:			Heater:	$ -	Consultant:	$ 850
DAP	5.8			T/B/G:			Pumping L/T:	$ -	Drilling Mud:	$ -
Ca:	100			WOB:			Prime Mover:	$ -	Misc. / Labor:	$ 22,025
				RPM:			Misc:	$ -	Forklift:	$ 130
				BHA:			Daily Total:	$ 3,332	Daily Total:	$ 80,489

Time Break Down:

START	END	TIME	
6:00	12:30	6:30	RAN AND LANDED 276 JTS (11907') OF 4½", 13.5#, P-110, LT&C
			CSG AT 11907' W/ FC AT 11,861', MARKER JT AT 9569' & 7495'.
12:30	13:30	1:00	RD FRANK'S-WESTATES CSG SERVICE.
13:30	14:30	1:00	RU CIRC. EQUIPMENT
14:30	16:30	2:00	CIRC. AND COND. HOLE
16:30	19:30	3:00	CIRC AND WO SCHLUMBERGER REPAIR.
19:30	20:00	0:30	RU SCHLUMBER AND HOLD SAFETY MEETING.
20:00	23:00	3:00	CMT 4½" CSG W/ 580 SX HI-LIFT CMT W/ ADDS @11.5 #/GAL FOLLOWED BY 1700 SX
			50-50 POZ G W/ ADDS @ 14.4 #/GAL. DISP W/ 177 BBL 2% KCL @ 6 BPM. BUMPED PLUG
			AT 3639#, 700# OVER. CIPJC AT 22:43, 2/23/05.
23:00	3:00	4:00	CLEAN MUD PITS
			RELEASED RIG AT 03:00, 2/24/2005

Cum. Wtr:	$ 16,081
Cum. Fuel	$ 88,677
Cum. Bits:	$ 165,200
Cum. Rot. Hrs	771

TRIP GAS	
CONN	
BKG GAS	

BHA:

CONSULTANT: V GUINN

GASCO PRODUCTION COMPANY

CONFIDENTIAL

T11S R16E S-19

43-013-32611

Gate Canyon Federal 41-19-11-16

Completion

3/18/05	Pipeline 80% complete. Tks and sep set. Working on battery hookup. (SCE)
3/19/05	RU SLB Wireline (Jason). Perforated Stage 1 – Blackhawk Aberdeen, and Kenilworth, f/ 11239 – 44, 11300 – 08', 3 spf, Powerjet guns, 120 deg phased, .37 EHD, 22.7 gm. Had to correct 4' to CBL. DC 25,128 (completion) CC 25,128 (SCE)
3/22/05	RU SLB (Red crew, Shawn and Selwyn). Tested lines to 9000 psi, had leak back somewhere. Can't find, but wellhead seems to be fine. Broke dn perfs @ 6048' @ 5.2 bpm. ISIP 5350. .91 FG. Calc 24 holes open (SLB Den calc 17 open). Fraced Aberdeen/Kenilworth w/160,739# 20-40 Econoprop, using 2207 bbls YF 125 and 120 gel. Flushed csg w/ 165 bbls. ISIP 5476. FG .92. Opened well up to flowback @ 10:35 AM, w/ 5200 SICP, on 12/64" ck. FB dn to 800 psi in 4 hrs. RIH w/ plug and guns to perf Stage 2 – Lower Mesaverde. Set Baker 9K FTFP @ 10225'. Perforated MvL f/ 10107 – 10', 10114 – 18', 10196 – 98, 10204 – 08, 3 spf. Pumped into perfs. Very tight. 8800 psi @ 0 bpm. Bled off 1100 psi in 5 min. Pumped in several more times. No help. Opened well back up to pit on 16/64" ck. Will flow all night and reperf in morning. (SCE and JDL) DC 2640 CC 27768
3/23/05	Well flowing this AM @ 500 psi on 32/64' ck w/ +_ 80% gas. Made 1019 bbls in 18 hrs. TR 1019. BLWTR 1188. RU SLB and RIH w/ gun and dump bailer. Dump 3 gal 28% HcL acid @ 10210'. Reperf (under balanced) f/ 10202 – 210', 4 spf w/ 3 1/8" HiVolt gun. Gun blew up hole and became stuck. Got free and POOH (dragging all the way out) to 51'. Stuck thight. Worked for several hrs and parted line. RU SLB and attempt to pump gun dn well to frac. Pressured out w/ 9500 psi, zone to tight to frac. RIH w/ sinker bar and fd stuck gun (w/ 32' of Wireline) @ 12' GL. Opened well back up to FB for night. (SCE and JDL) DC 1600 CC 29368
3/24/04	Well flowing this AM w/ 450 FCP on 24/64" ck. Flowed 303 bbls. TR 1322. BLWTR 1288. Well started unloading and making gas @ 5:30 AM. RU SLB frac and move to State 24-16-9-19. MIRU Temples WS. RU Hot oiler and pumped 50 bbls Kcl dn csg. Well went on vac. Opened 4 ½" MV and looked dn csg. Couldn't see fish stuck @ surface. RIH to 75', no tag. ND frac tree. NU BOPE. Well kicked off flowing again. Left well flowing to pit for night. (SCE)

3/25/05	Well flowing this AM w/ 150 FCP on 24/64" ck. Flowed 237 bbls. TR 1559. BLWTR 1051. Killed well w/ 55 bbls 2% Kcl. RIH w/ Wireline spear (Garry Rohrer, RBH fishing) + x-over + bumper sub + tbg (used tbg f/ Alger Pass well, inspected by PRS + new tbg f/ stock @ J&R yd). Tagged fish @ FTFP @ 10193'. Engaged and rotated spear. Got 7000# overpull, then popped free. POOH. Came out w/ 12' off wire line, no perf gun. Left well open to pit for night. (SCE) DC 38974 CC 68342
3/26/05	Well flowing this AM on 24/64" ck. Made 34 bbls in 24 hrs. TR 1593. BLWTR 1017. Killed well w/ 2% Kcl (still have FTFP over Stg 1 perfs). RIH w/ Bowen overshot, dressed w/ 2 3/8" grapple and mill control w/ Kut-rite, to fish top of gun. Milled and drilled on fish for 2 hrs. Start OOH w/ 60 stds. Tbg started flowing. Left well flowing for night. (SCE)
3/27/05	Well flowed up tbg all night. Flowed +_ 30 BW after workover load. TR 1623. BLWTR 987. Killed tbg w/ 2% Kcl. Finish POOH. Recovered entire fish, w/ cable jammed into tools. Also recovered spring f/ cable head, in overshot. ND BOPE. NU and test frac tree. Well started to unload again, 5 min after finishing NU. Unloaded workover load wtr. SWI until frac on Tues AM. (SCE) DC 41066 CC 109,408.
3/28/05-	SI, WO frac
3/30/05	RU SLB Wireline. Fd 3700 psi on well. RIH w/ plug and guns for Stage 3- Lower Mesaverde. Set Baker 9K FTFP #2 @ 10,044. Perforated Stg 3 f/ 9871 – 73', 9879 – 82', 9914 – 17', 9930 – 33', 10020 – 24', 3 spf w/ 3 3/8" Powerjet guns. Found 3910 SICP and 9380 FL. Broke dn perfs @ 7042 psi @ 15.1 bpm. ISIP 3900. FG .83. Calc 25 holes open / 45. Hybrid fraced Stg 3 – Lower Mesaverde w/ 140,000 # 20-40 Econoprop, using 3046 bbls WF and YF 118 gel. Flushed csg w/ 145.5 bbls wtr. ISIP 3851. Opened well up to flowback @ 12 noon on 12/64" ck w/ 3600 SICP. Cleaned up well bore. RIH w/ plug and guns to perf Stage 4 – Lower Mesaverde. Set FTFP #3 @ 9755'. Perfed f/ 9555 – 57', 9584 – 86', 9620 – 23', 9682 – 85', 9736 – 39', 3 spf w/ 3 3/8" Powerjet guns. Broke dn perfs @ 4579 psi @ 4.9 bpm. ISIP 3570. FG .80. Calculated 20 holes open / 39. Screened out to 10,000 psi, during 3.5 ppg stage. Hybrid fraced stg 4 w/ 119,000# (100,000# into perfs) 20-40 Econoprop, using 2652 bbls WF and YF 118 gel. Flushed w/ 140.5 bbls. ISIP N/A. Opened well up to flowback @ 6:35 PM on 12/64" ck, w/ 5400 SICP. Stepped up cks to 16/64". (SCE)

3/31/05 **Well flowing this AM @ 1500 FCP on 16/64" ck. Made 1224 bbls in 18 hrs. TR 2847. BLWTR 5461. RIH w/ plug and guns to perf Stage 5 – Dark Canyon. Perf guns failed. POOH and found CCL bad. Lost 5 ½ hrs. Set Baker FTFP #4 @ 8050'. Perforated Dk Cnyn f/ 7868 – 71', 7894 – 97', 7942 – 45', 8004 – 07', 8032 – 34', 3 spf w/ Powerjet guns. Broke perfs dn @ 4709 psi @ 7 bpm. ISIP 2366. FG .73. Calculated 15 holes open. Pressure shot up during break down. Tighter now. Pumped ¼# sd slug before starting liner gel ¼# stage. Hybrid fraced Dk Cnyn w/ 77,500# 20-40 reg sd and 91,750# 20-40 SB Excel, using 3472 bbls WF and YF 118 gel. Flushed w/ 115.5 bbls. ISIP 3185. Opened well up to flowback @ 4:30 PM on 12/64' ck, w/ 3000 SICP. (SCE) DC 602,152 (1/2 of frac ticket) CC 711,560**

4/1/05 Well flowing this AM @ 0 FCP on open 2" line, no ck, @ +- 20 bph. Made 1054 bbls in 15.5 hrs. TR 3987. BLWTR 7883. RU to RIH w/ plug and guns to perf Stage 6 – Wasatch. Line jumped sheive and had to LD gun and lube to untangle. Lost 1½ hrs. Set Baker FTFP #5 @ 6685'. Perforated Wasatch f/ 6584 – 89', 6665 – 69', 3 spf w/ Powerjet guns. Broke perfs dn @ 3164 psi @ 3 bpm. ISIP 2780. FG .85. Calculated 24 holes open. Hybrid fraced Wasatch w/ 58,500# 20-40 reg sd and 58,300# 20-40 SB Excel, using 2631 bbls WF and YF 118 gel. Flushed w/ 96 bbls. ISIP 3025. Opened well up to flowback @ 11:00 AM on 12/64" ck, w/ 2900 SICP. FCP below 1000 psi in 3 hrs. RIH w/ plug and guns to shoot Stage 7 – Wasatch. Set FTFP #6 @ 6385'. Perforated Wasatch f/ 6083 – 88', 6366' – 70', 3 spf w/ Powerjets. Fd 860 SICP. Broke dn perfs @ 2796 psi @ 5.3 bpm. ISIP 2955. .91 FG. Calculated 21 holes open /27. Hybrid fraced Stg 7 w/ 46,700# 20-40 reg sd and 36,500# 20-40 SB Excell, using 1851 bbls WF and YF 118# gel. Flushed well w/ 88.5 bbls. ISIP 2990. .91 FG. Opened well up to flowback @ 5:20 PM on 12/64" ck, w/ 2900 SICP. (SCE) DC 33164 (frac and perforating ticket in dispute) CC 744,724.

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No.: UTU-74395

1a. Type of Well: ☐ Oil Well ☒ Gas ☐ Dry Other

b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other

CONFIDENTIAL

6. If Indian, Allottee or Tribe Name: NA

7. Unit or CA Agreement Name and No.: NA

2. Name of Operator: GASCO PRODUCTION COMPANY

8. Lease Name and Well No.: GATE CANYON #41-19-11-16

3. Address: 8 INVERNESS DR. E, SUITE 100, ENGLEWOOD, CO 80112

3a. Phone No. (include area code): 303-483-0044

9. API Well No.: 43013~~52611~~ 32611

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

At surface: 857' FNL X 680' FEL

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory: WILDCAT

11. Sec., T., R., M., or Block and Survey or Area: 19-11S-16E

12. County or Parish: DUCHESNE

13. State: UTAH

14. Date Spudded: 12/07/04

15. Date T.D. Reached: 02/21/05

16. Date Completed: ☐ D & A ☒ Ready to Prod. 04/05/05

17. Elevations (DF, RKB, RT, GL)*: 6380'GL, 6398'KB

18. Total Depth: MD 11925 TVD

19. Plug Back T.D.: MD 11428 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG
PLATFORM EXPRESS W/BHC SONIC AND MICRO IMAGER LOG, CBL-GR-CCL, PE/TCOMBO, PE/AIC, PE/CN/TDLD

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5	13.37/H40	48	0	191		225, G		SURF (CIRC)	
12.25	8.625/J55	32	O	3014		660, PREMIUM		SURF (CIRC)	
7.875	4.5/P110	13.5	0	11907		580, HI-LIFT		<200' (CBL)	
						1700, 50/50			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2.375	9500'							

25. Producing Intervals

	Formation	Top	Bottom
A)	WASATCH	3696	
B)	MESAVERDE	7844	
C)	CASTELGATE	10338	
D)	BLACKHAWK	10952	

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
6083-6370	.37	27	OPEN
6584-6669	.37	27	OPEN
7868-8034	.38	42	OPEN
9555-9739	.37	39	OPEN
9871-10024	.37	45	OPEN
10107-10210	.37	65	OPEN
11239-11308	.37	39	OPEN

RECEIVED
JUN 16 2005
DIV. OF OIL, GAS & MINING

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

Depth Interval	Amount and type of Material
6083-6370	46700# 20/40 SD X 36500# 20/40 SB EXCEL X 1851 BBL WF/YF 118# GEL
6584-6669	58500# 20/40 SD X 58300# 20/40 SB EXCEL X 2631 BBL WF/YF 118# GEL
7868-8034	77500# 20/40 SD X 91750# 20/40 SB EXCEL X 3472 BBL WF/YF 118# GEL
9871-10024	140000# 20/40 ECONOPROP X 3046 BBL WF/YF 118# GEL
11239-11380	160739# 20/40 ECONOPROP X 2207 BBL YF 125/120# GEL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/05/05	04/05/05	624	→	55	17,900	1994			FLOWING

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status
16/64"	SI 700	1025	→	2	688	77		FLOWING

28b. Production - Interval B

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

28c. Production - Interval C

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name *(please print)* Anthony W. Sharp Title Senior Engineer

Signature Date 13-Jun-05

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

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-74395

1a. Type of Well: ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____

6. If Indian, Allottee or Tribe Name: NA

7. Unit or CA Agreement Name and No.: NA

2. Name of Operator: GASCO PRODUCTION COMPANY

8. Lease Name and Well No.: GATE CANYON #41-19-11-16

3. Address: 8 INVERNESS DR. E, SUITE 100, ENGLEWOOD, CO 80112

3a. Phone No. *(include area code)*: 303-483-0044

9. API Well No.: 4301352611

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

At surface: 857' FNL X 680' FEL

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory: WILDCAT

11. Sec., T., R., M., or Block and Survey or Area: 19-11S-16E

12. County or Parish: DUCHESNE

13. State: UTAH

14. Date Spudded: 12/07/04

15. Date T.D. Reached: 02/21/05

16. Date Completed: ☐ D & A ☒ Ready to Prod. 04/05/05

17. Elevations (DF, RKB, RT, GL)*: 6380'GL, 6398'KB

18. Total Depth: MD 11925 TVD

19. Plug Back T.D.: MD 11428 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS W/BHC SONIC AND MICRO IMAGER LOG, CBL-GR-CCL

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5	13.37/H40	48	0	191		225, G		SURF (CIRC)	
12.25	8.625/J55	32	O	3014		660, PREMIUM		SURF (CIRC)	
7.875	4.5/P110	13.5	0	11907		580, HI-LIFT		<200' (CBL)	
						1700, 50/50			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2.375	9500'							

25. Producing Intervals

	Formation	Top	Bottom
A)	WASATCH	3696	
B)	MESAVERDE	7844	
C)	CASTELGATE	10338	
D)	BLACKHAWK	10952	

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
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9555-9739	.37	39	OPEN
9871-10024	.37	45	OPEN
10107-10210	.37	65	OPEN
11239-11308	.37	39	OPEN

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

Depth Interval	Amount and type of Material
6083-6370	46700# 20/40 SD X 36500# 20/40 SB EXCEL X 1851 BBL WF/YF 118# GEL
6584-6669	58500# 20/40 SD X 58300# 20/40 SB EXCEL X 2631 BBL WF/YF 118# GEL
7868-8034	77500# 20/40 SD X 91750# 20/40 SB EXCEL X 3472 BBL WF/YF 118# GEL
9871-10024	140000# 20/40 ECONOPROP X 3046 BBL WF/YF 118# GEL
11239-11380	160739# 20/40 ECONOPROP X 2207 BBL YF 125/120# GEL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/05/05	04/05/05	624	→	55	17,900	1994			FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status
16/64"	700	1025	→	2	688	77		FLOWING

28b. Production - Interval B

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

28c. Production - Interval C

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Wasatch	3,696	7,844			
Mesaverde	7,844	10,338			
Castlegate	10,338	10,952			
Blackhawk	10,952		TD'd well within the Blackhawk @ 11925'		

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name *(please print)* Beverly Walker Title Engineering Technician

Signature Beverly Walker Date 23-Jan-06

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

Form 3160- 5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004- 0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No. UTU-74395
6. If Indian, Allottee, or Tribe Name NA
7. If Unit or CA. Agreement Name and/or No. NA
8. Well Name and No. Gate Canyon Federal 41-19-11-16
9. API Well No. 43-013-32611 (3)
10. Field and Pool, or Exploratory Area Wildcat
11. County or Parish, State Duchesne County, Utah

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

2. Name of Operator
Gasco Production Company

3a. Address
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. *(include area code)*
303-483-0044

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[X] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[X] Water Disposal	

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

This is to inform you that we will be disposing of water from this well as follows:

All produced water from this well will be trucked off the location and disposed of at Brennan bottom Water Disposal located between Roosevelt and Vernal Utah.

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

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

Name *(Printed/Typed)* Beverly Walker

Title Engineering Technician

Signature Beverly Walker

Date April 20, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.: UTU-74395
6. If Indian, Allottee, or Tribe Name: NA
7. If Unit or CA/Agreement Name and/or No.: NA
8. Well Name and No.: Gate Canyon ~~Federal~~ 41-19-11-16
9. API Well No.: 43-013-52611
10. Field and Pool, or Exploratory Area: Wildcat
11. County or Parish, State: Duchesne County, Utah

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Gasco Production Company
3a. Address: 8 Inverness Drive East Ste 100 Englewood, Co 80112
3b. Phone No. *(include area code)*: 303-483-0044
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[X] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[X] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other _____
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	_____
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	_____

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

This well was spud on 12/7/04

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

Name *(Printed/Typed)*: Beverly Walker	Title: Engineering Technician
Signature: Beverly Walker	Date: April 20, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.: UTU-74395
6. If Indian, Allottee, or Tribe Name: NA
7. If Unit or CA/ Agreement Name and/or No.: NA
8. Well Name and No.: Gate Canyon Federal 41-19-11-16
9. API Well No.: 43-013-52611
10. Field and Pool, or Exploratory Area: Wildcat
11. County or Parish, State: Duchesne County, Utah

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Gasco Production Company
3a. Address: 8 Inverness Drive East Ste 100 Englewood, Co 80112
3b. Phone No. (include area code): 303-483-0044
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[X] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[X] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other _____
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	_____
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	_____

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

This well was started on production on 4/5/05

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed): Beverly Walker	Title: Engineering Technician
Signature: Beverly Walker	Date: April 20, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on page 2)

Form 3160- 5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004- 0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No. UTU-74395
6. If Indian, Allottee, or Tribe Name NA
7. If Unit or CA. Agreement Name and/or No. NA
8. Well Name and No. Gate Canyon Federal 41-19-11-16
9. API Well No 43-013-32611
10. Field and Pool, or Exploratory Area Wildcat
11. County or Parish, State Duchesne County, Utah

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Gasco Production Company
3a. Address: 8 Inverness Drive East Ste 100 Englewood, Co 80112
3b. Phone No *(include area code)*: 303-483-0044
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[X] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other EFM Meter
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

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

This sundry is being sent to inform you that we will be using a Ferguson Beauregard EFM (Model 3500) to measure production from this well and will be considered as the point of sale for gas produced from this well. A temperature probe has been installed for gas measurement purposes. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

Name *(Printed/Typed)*: Beverly Walker
Title: Engineering Technician
Signature: Beverly Walker
Date: April 20, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

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

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(Instructions on page 2)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.: *UTU-74395*
6. If Indian, Allottee or Tribe Name: *NA*
7. If Unit or CA/Agreement, Name and/or No.: *NA*
8. Well Name and No.: *Gate Canyon Fed 41-19-11-16*
9. API Well No.: *43-013-52611*
10. Field and Pool, or Exploratory Area: *Wildcat*
11. County or Parish, State: *Duchesne County, Utah*

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: *Gasco Production Company*
3a. Address: *8 Inverness Dr E, Englewood, Colorado 80112*
3b. Phone No. *(include area code)*: *303-483-0044*
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: *857' FNL & 680' FEL*, *NE NE of Section 19-T11S-R16E*

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other *Calibrate Meter*
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

This well is scheduled to have the sales meter calibrated on May 10, 2006 at 2:30 p.m.

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

Name *(Printed/Typed)*: *Beverly Walker* — Title: *Engineering Technician*

Signature: *Beverly Walker* — Date: *April 20, 2006*

THIS SPACE FOR FEDERAL OR STATE USE

Approved by — Title — Date

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

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

(Instructions on reverse)

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

Form 3160- 5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No. UTU-74395
6. If Indian, Allottee, or Tribe Name NA
7. If Unit or CA. Agreement Name and/or No. NA
8. Well Name and No. Gate Canyon Federal 41-19-11-16
9. API Well No. 32611 43-013-~~52611~~
10. Field and Pool, or Exploratory Area Wildcat
11. County or Parish, State Duchesne County, Utah

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

2. Name of Operator
Gasco Production Company

3a. Address
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. *(include area code)*
303-483-0044

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other _____
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	_____
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[X] Water Disposal	_____

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

This is to inform you that effective immediately we will be disposing of produced water from this well as follows:

All produced water from this well will be trucked off the location and disposed of at the Desert Spring State Evaporation Facility NW 1/4 of Section 36-T9S-R18E Uintah County, Utah. Which is owned by Gasco Production Company. A copy of the approved permit for this facility is attached.

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

RECEIVED
OCT 2 4 2006
DIV. OF OIL, GAS & MINING

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

Name *(Printed Typed)*	Title
Beverly Walker	Engineering Tech
Signature Beverly Walker	Date October 18, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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(Instructions on page 2)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.: *UTU-74395*

6. If Indian, Allottee or Tribe Name: *NA*

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

8. Well Name and No.: *Gate Canyon Fed 41-19-11-16*

9. API Well No.: *43-013-32611*

10. Field and Pool, or Exploratory Area: *Wildcat*

11. County or Parish, State: *Duchesne County, Utah*

SUBMIT IN TRIPLICATE – Other instructions on reverse side

Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator
Gasco Production Company

3a. Address
8 Inverness Dr E, Englewood, Colorado 80112

3b. Phone No. *(include area code)*
303-483-0044

Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
857' FNL & 680' FEL
NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other *Site Security Diagram*
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

Please find attached a copy of the site security diagram for this well.

I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*: *Beverly Walker*

Title: *Engineering Technician*

Signature: Beverly Walker

Date: *August 27, 2007*

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

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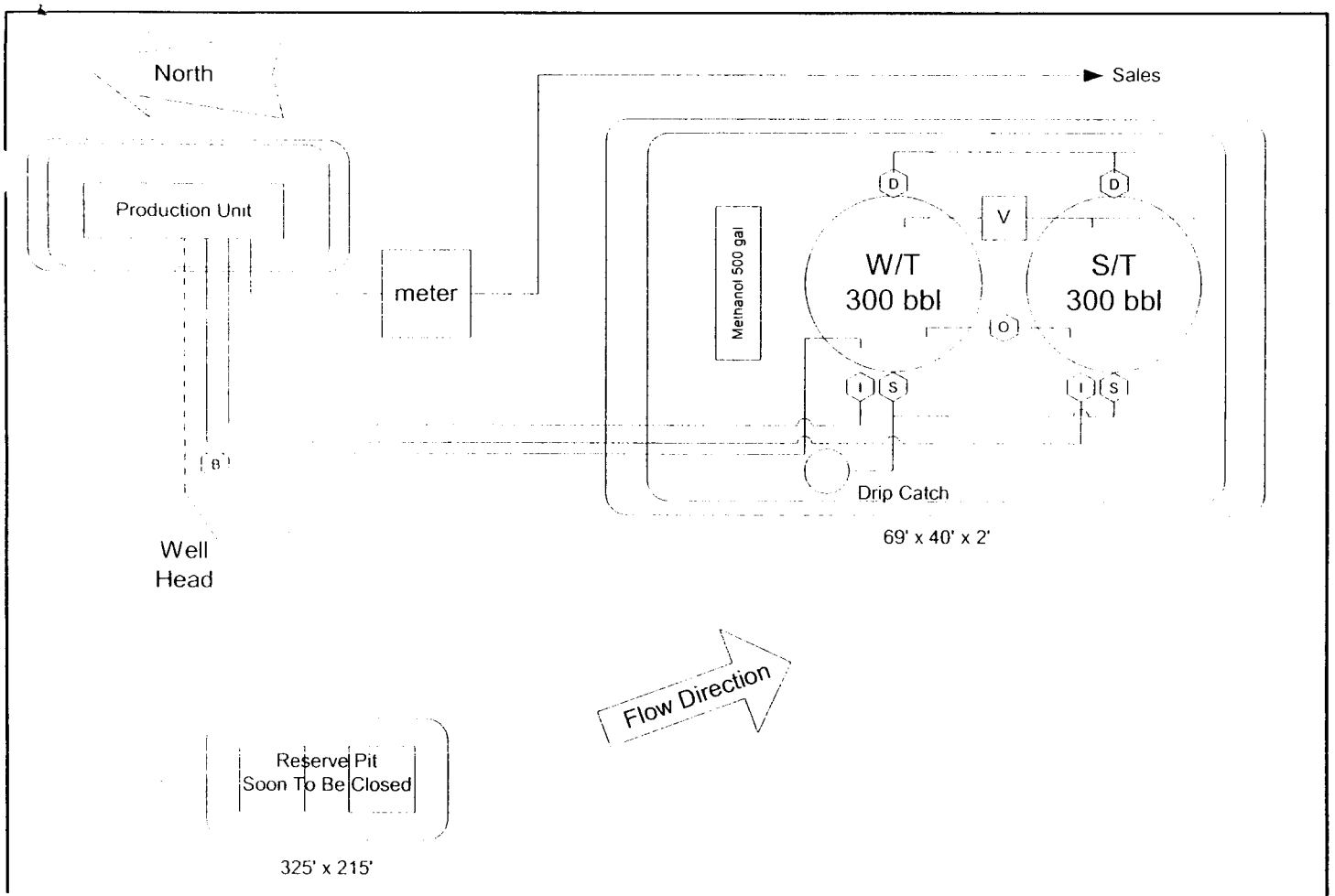
(Instructions on reverse)

RECEIVED
AUG 31 2007
DIV. OF OIL, GAS & MINING



This lease is subject to the Site Security Plan for GASCO Production Company. The Plan is located at GASCO Production Company 8 Inverness Drive East Suite 100 Englewood, CO 80112-5625

LEGEND
S - Sales Valve
D - Drain Valve
I - Inlet Valve
O - Overflow
B - Blowdown
V - Vent

Federal Lease #
UTU - 74395

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION/BLOWDOWN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Closed	Yes
I	Inlet	Open	No
O	Overflow	Open/Closed	No
B	Blowdown	Open/Closed	No

POSITION OF VALVES AND USE OF SEALS DURING SALES

Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Open	No
I	Inlet	Closed	Yes
O	Overflow	Closed	Yes
B	Blowdown	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Open	No
S	Sales	Closed	Yes
I	Inlet	Closed	No
O	Overflow	Closed	No
B	Blowdown	Closed	No

BUYS & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

GASCO Production Company
Gate Canyon State 41-19-11-16
NE/NE Sec. 19, Twp. 11S, Rge. 16E
Duchesne County, Utah
August, 2005

Form 3160- 5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No. UTU-74395
6. If Indian, Allottee, or Tribe Name NA
7. If Unit or CA. Agreement Name and/or No. NA
8. Well Name and No. Gate Canyon Federal 41-19-11-16
9. API Well No. 43-013-32611
10. Field and Pool, or Exploratory Area Wildcat
11. County or Parish, State Duchesne County, Utah

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Gasco Production Company
3a. Address: 8 Inverness Drive East Ste 100 Englewood, Co 80112
3b. Phone No. *(include area code)*: 303-483-0044
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other Request Wildcat field status
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

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

Gasco Production Co is applying for Wildcat Field name status on this well. We have attached a plat of all known wells within a one mile radius. The only well found is the Gate Canyon Federal 21-20-11-16 which has not been drilled yet. I have attached a copy of the original completion report that was filed with this well along with a copy of the plat that was fild by Diana Whitney, of your office prior to the spud of this well that showed no known wells in the area prior to the spud of this well.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/4/07
BY: DSW
* See Attached Statement of Basis
CC: Via email to State Tax Commission

RECEIVED
NOV 30 2007
DIV. OF OIL, GAS & MINING

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

Name *(Printed Typed)*: Beverly Walker
Title: Engineering Tech
Signature: Beverly Walker
Date: November 28, 2007

COPY SENT TO OPERATOR
Date: 12/6/2007
Initials: [illegible]

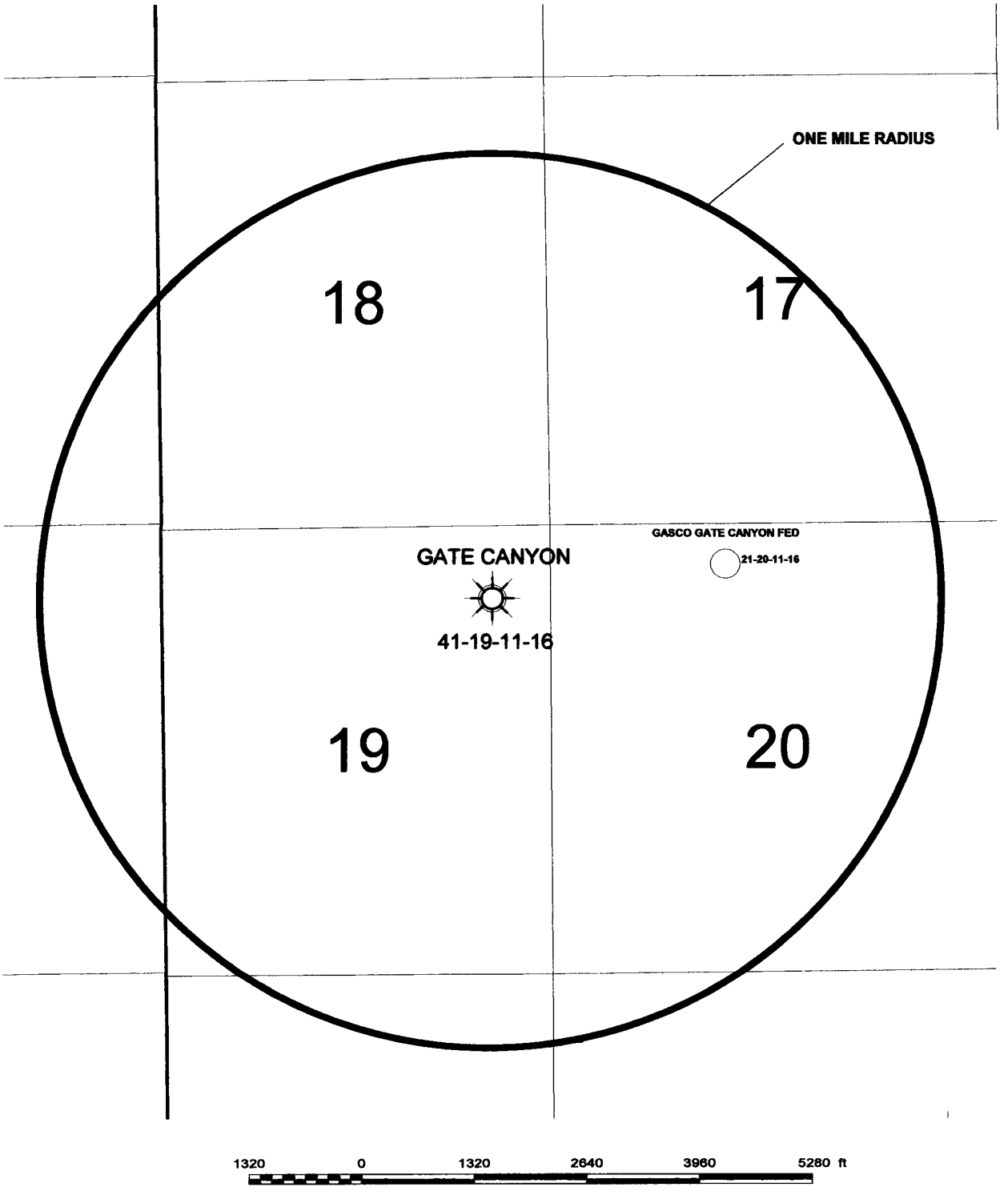
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

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

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

(Instructions on page 2)



Gasco Gate Canyon 41-19-11-16
T11S-R16E, Duchesne CO., Utah

GASCO Energy

DIVISION OF OIL, GAS AND MINING

Wildcat Well Determination

STATEMENT OF BASIS

Applicant: Gasco Production Company

Location: NENE Sec. 19 T11S, R16E, Duchesne County, Utah

WELL NAME: Gate Canyon Federal 41-19-11-16 **API #:** 43-013-32611

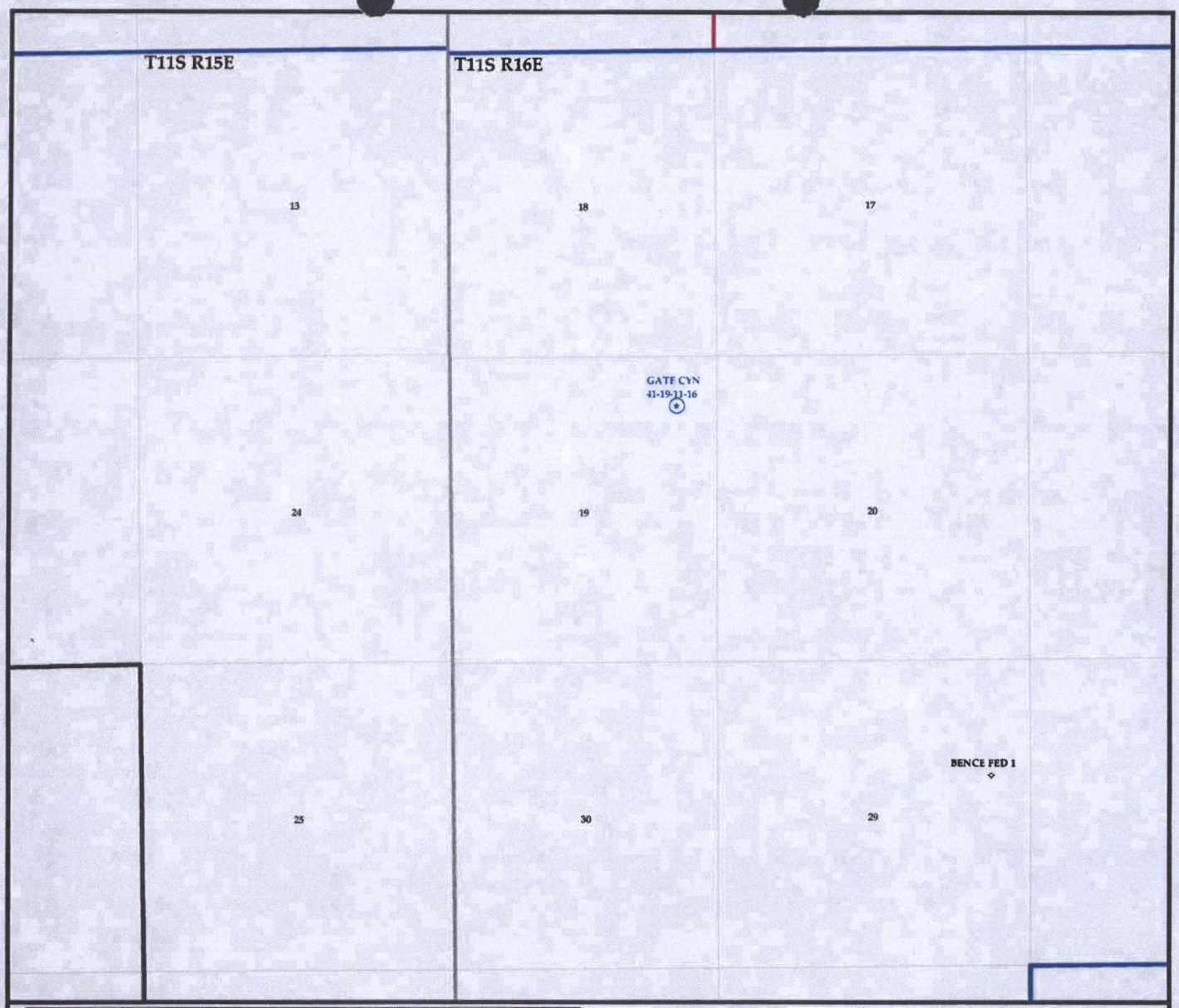
FINDINGS

1. The subject well was spud on December 6, 2004. Total depth was reached on February 21, 2005 and the well was completed on April 5, 2005.
2. The subject well produces from the Wasatch and Mesaverde formations from 6083' to 11308'.
3. The subject well was > 1 mile from any known production in the Wasatch and Mesaverde formations at the date of first commercial production on April 5, 2005.
4. The subject well is currently > 1 mile from any producing well. See Attachment A for summary of current producing wells within the one (1) mile area of review.
5. The GATE CYN ST 23-16-11-16 well (API # 43-013-32888) is the nearest producing well and is over 1 ½ miles from the subject well. This well was drilled and put online after the subject well first produced.
6. The Wildcat Tax Credit application was received 2+ years after completion of the subject well. Future submittals should be filed timely (see submittal requirements in R649-3-35-1).

CONCLUSIONS

Based on the findings above the Division has determined the Gate Canyon Federal 41-19-11-16 well was drilled into an unknown area for the Wasatch and Mesaverde formations. Although the request for wildcat well determination was received well after the completion of the well, no other requests for a wildcat determination have been received or approved by the Division within the area of review. Therefore, the Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1.

Reviewer(s): Dustin K. Doucet DKD Date: 12/4/2007



OPERATOR: GASCO PROD CO (N2575)

SEC. 19 **T.**11S **R.**16E

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

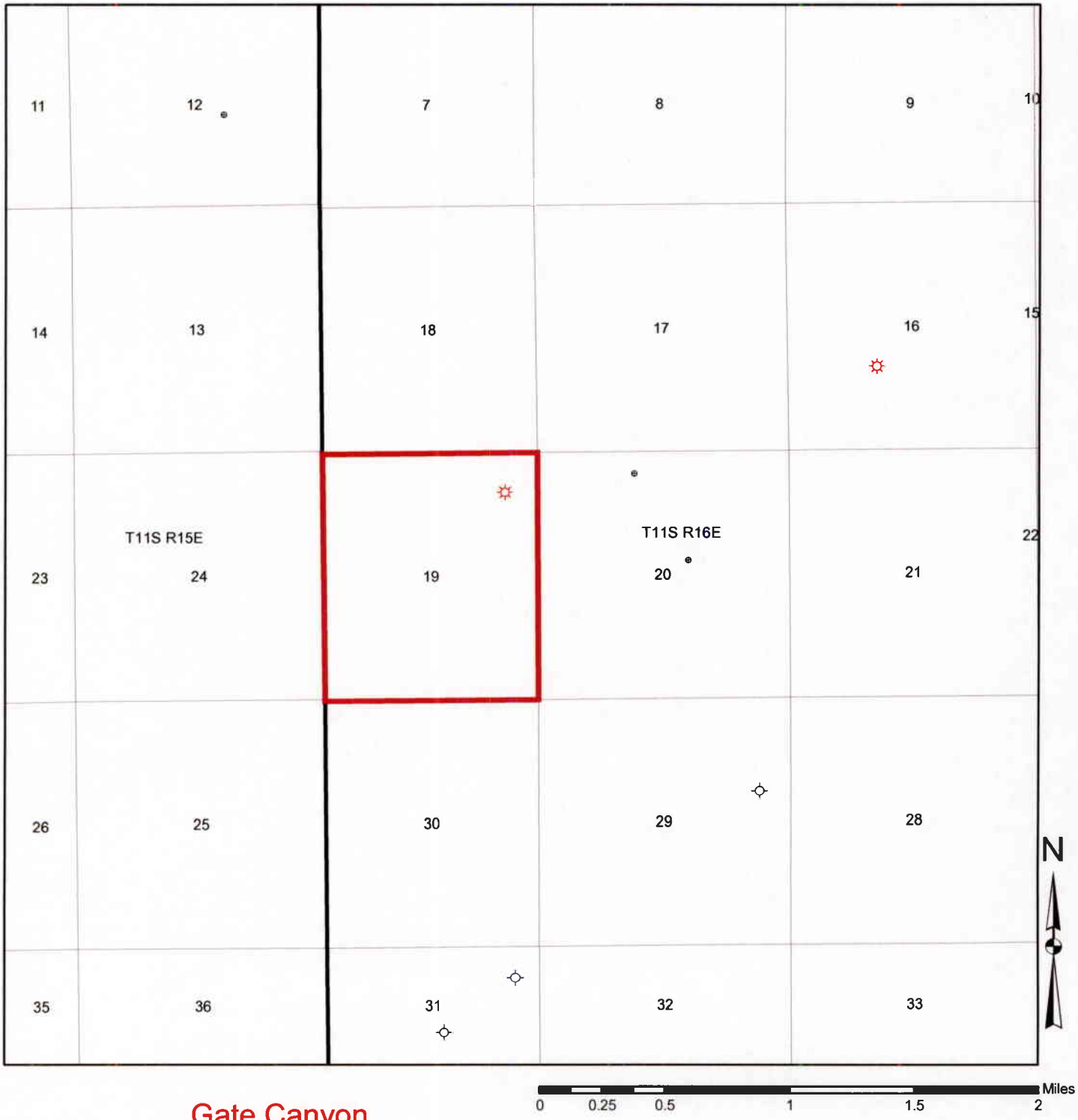
Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Units.shp
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

N W E S

PREPARED BY: DIANA WHITNEY
DATE: 16-JULY-2004



Gate Canyon

ATTACHMENT A

Duchesne County

Legend

Wells

- GIW
- GSW
- LA
- LOC
- OPS
- PA
- PGW
- POW
- SGW
- SOW
- TA
- TW
- WDW
- WIW
- WSW

Fields

- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- Proposed
- ABANDONED
- TERMINATED
- county-lines

05042007

UTAH DNR OIL, GAS & MINING

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

5. Lease Serial No. UTU-74395
6. If Indian, Allottee, or Tribe Name NA
7. If Unit or CA. Agreement Name and/or No. NA
8. Well Name and No. Gate Canyon ~~Federal~~ 41-19-11-16
9. API Well No. 43-013-32611
10. Field and Pool, or Exploratory Area Wildcat
11. County or Parish, State Duchesne County, Utah

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

2. Name of Operator
Gasco Production Company

3a. Address
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. *(include area code)*
303-483-0044

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
857' FNL & 680' FEL NE NE of Section 19-T11S-R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other Site Security
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

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

Please find attached a copy of the site security diagram for this well.

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

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

Name *(Printed/ Typed)* Jessica Berg — Title Production Clerk

Signature Jessica Berg — Date December 11, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

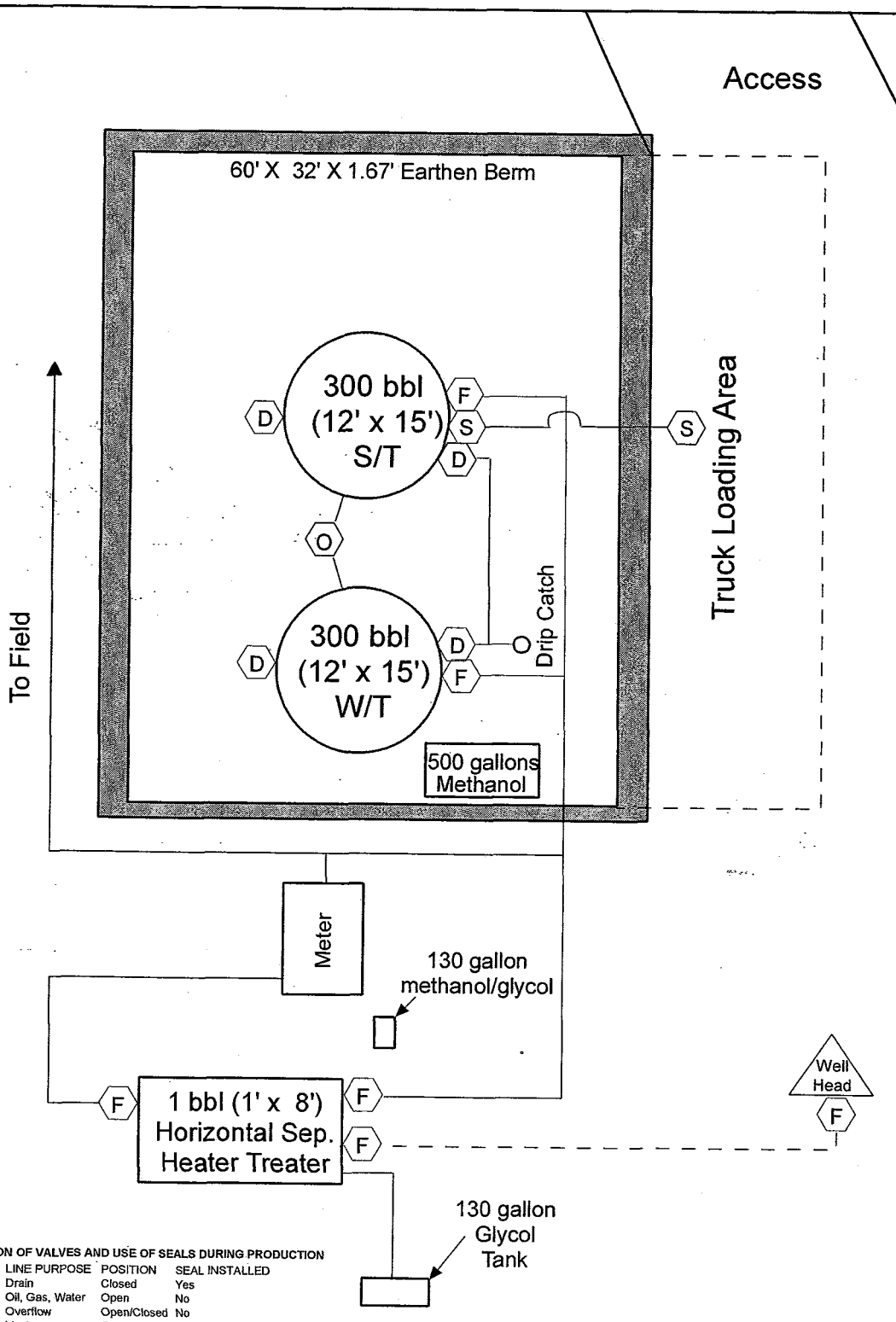
Approved by — Title — Date

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

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

(Instructions on page 2)

Note: This Site Security Plan is on file at the Gasco Field Office.



POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Closed	Yes
F	Oil, Gas, Water	Open	No
O	Overflow	Open/Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Open	No
S	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Closed	Yes
F	Oil, Gas, Water	Closed	Yes
O	Overflow	Closed	Yes
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Closed	No
S	Sales	Open	No

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Open	No
F	Oil, Gas, Water	Closed	No
O	Overflow	Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Closed	No
S	Sales	Closed	Yes

Flow Direction

N

LEGEND

D - Drain Valve
F - Flow Valve
O - Overflow
V - Vent
R - Recycle
H - Heat Trace
S - Sales Valve

BUYS & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

Gasco Production Company
Gate Canyon Federal # 41-19-11-16
Lease UTU # 74395
NE/NE Sec. 19 T11S R16E
Duchesne County, Utah
October 2008

API Well No: 43013326110000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UT-74395

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GATE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: GATE CYN 41-19-11-16

2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY

9. API NUMBER: 43013326110000

3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112

PHONE NUMBER: 303 483-0044 Ext

9. FIELD and POOL or WILDCAT: MIDDLE BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0857 FNL 0680 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 19 Township: 11.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/12/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	✓ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Gasco would like to dispose of water at RN Industries state approved commercial disposal facility located in Sections 4 and 9 Township 2 south Range 2 west in Bluebell UT. This facility would be used in addition to the currently approved disposal facilities that Gasco uses to dispose of water from this well.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 06, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Roger Knight	303 996-1803	EHS Supervisor
SIGNATURE N/A		**DATE** 10/5/2010

RECEIVED October 05, 2010

API Well No: 43013326110000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UT-74395

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GATE CANYON

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: GATE CYN 41-19-11-16

2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY

9. API NUMBER: 43013326110000

3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112

PHONE NUMBER: 303 483-0044 Ext

9. FIELD and POOL or WILDCAT: MIDDLE BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0857 FNL 0680 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 19 Township: 11.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/7/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	✓ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Gasco would like to dispose of water at Integrated Water management, LLC state approved commercial disposal facility located in Section 30, 2 south Range 4 west in North Blue Bench UT. This facility would be used in addition to the currently approved disposal facilities that Gasco uses to dispose of water from this well.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 12/30/2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Roger Knight	303 996-1803	EHS Supervisor
SIGNATURE N/A		**DATE** 12/29/2010

RECEIVED December 29, 2010

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Prodcution Company N2575 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805	Badlands Production Company N4265 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805
CA Number(s):	Unit(s):Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 6/2/2015
3. New operator Division of Corporations Business Number: 1454161-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 6/2/2015
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 6/3/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 1/20/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: SUR0027842
2. Indian well(s) covered by Bond Number: N/A
3.State/fee well(s) covered by Bond Number(s): SUR0027845
SUR0035619 -FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 1/22/2016
2. Entity Number(s) updated in **OGIS** on: 1/22/2016
3. Unit(s) operator number update in **OGIS** on: 1/22/2016
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/22/2016
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/22/2016

COMMENTS:

From: Gasco Production Company
To: Badlands Production Company
Effective Date: 4/16/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S	190E	4304752496		Federal	Federal	OW	APD
FEDERAL 14-17G-9-19	17	090S	190E	4304752522		Federal	Federal	OW	APD
FEDERAL 13-18G-9-19	18	090S	190E	4304752538		Federal	Federal	OW	APD
FEDERAL 23-29G-9-19	29	090S	190E	4304752544		Federal	Federal	OW	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	OW	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070		Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	090S	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	090S	190E	4304753078		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S	190E	4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S	190E	4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S	190E	4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	190E	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	190E	4304754481		State	State	GW	APD
State 413-32-9-19	32	090S	190E	4304754482		State	State	GW	APD
State 323-32-9-19	32	090S	190E	4304754483		State	State	GW	APD
State 431-32-9-19	32	090S	190E	4304754529		State	State	GW	APD
Desert Spring State 224-36-9-18	36	090S	180E	4304754541		State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	180E	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	090S	180E	4304754543		State	State	GW	APD
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P

From: Gasco Production Company
To: Badlands Production Company
Effective Date: 4/16/2015

RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P
FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P

From: Gasco Production Company
To: Badlands Production Company
Effective Date: 4/16/2015

SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S

From: Gasco Production Company
To: Badlands Production Company
Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Desert Spring Fed 21-1-10-18

2. NAME OF OPERATOR: Gasco Production Company

9. API NUMBER: 4304737631

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave. CITY Denver STATE CO ZIP 80237 PHONE NUMBER: (303) 483-0044

10. FIELD AND POOL, OR WILDCAT: Uteland Butte

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 0633 FNL 1512 FWL COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 1 10S 18E S STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
4/16/2015	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Gasco Production Company requests a change of operator on this well, in addition to the wells on the attached list from Gasco Production Company to Badlands Production Company, effective date of 4/16/2015.

Gasco Production Company
7979 E Tufts Ave, Suite 1150
Denver CO 80237
303-996-1805

Michael Decker, Exec. Vice President & COO

Badlands Production Company
7979 E Tufts Ave, Suite 1150
Denver CO 80237
303-996-1805

Michael Decker, Exec. Vice President & COO

RECEIVED
JUN 02 2015
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lindsey Cooke TITLE Engineering Tech

SIGNATURE Lindsey Cooke DATE 5/18/2015

(This space for State use only)

APPROVED
JAN 22 2016
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P

FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

* See attached list

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101-1345
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3180 (UTU90523X)
UT-922000

October 30, 2015

Mr. Josh Crist
Badlands Energy, Inc.
7979 East Tufts Avenue, Suite 1150
Denver, Colorado 80237

Dear Mr. Crist:

The Gate Canyon II Unit Agreement, Duchesne County, Utah, is approved effective October 30, 2015. This agreement has been designated No. UTU90523X.

This unit provides for the drilling of one obligation well and subsequent drilling obligations pursuant to Section 9 of the unit agreement. The initial well is to be drilled to a depth of 15,605 feet or a depth sufficient to test 100 feet below the top of the Dakota Formation, whichever is less; and located in the SE¼ of Section 18, Township 11 South, Range 15 East, SLB&M, Duchesne County, Utah.

No extension of time beyond April 30, 2016, will be granted to commence the "obligation well" other than "unavoidable delay" (Section 25), where justified.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

The basic information is as follows:

1. The depth of the test well and the area to be unitized were approved under the unit plan regulations of December 22, 1950, by Bureau of Land Management letter dated May 19, 2015.

2. All substances are unitized.

3. The unit area embraces 27,955.41 acres, more or less, of which the 20,471.11 acres (73.23 percent) are Federal lands; 7,084.30 acres (25.34 percent) are State lands, and 400.00 (1.43 percent are Patented lands.

   The following leases embrace lands included within the unit area:

UTU62159	UTU67253	UTU74396	UTU76810
UTU65319	UTU73165	UTU75231	UTU76811
UTU65779**	UTU73425	UTU75233	UTU76812
UTU66798	UTU74387	UTU75670	UTU80914**
UTU66800	UTU74395	UTU76478	

   ** Indicates non-committed leases.

   All lands and interests are fully/effectively committed except Tracts 3 totaling 270.80 acres (0.97 percent) Tract 19 totaling 320.00 acres (1.14 percent) and Tract 28 totaling 80.00 acres (.29 percent) which are not committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

   Unleased Federal land, Tract 20, totaling 360.00 acres (1.29 percent), is not committed, but is considered to be effectively controlled acreage because, prior to issuance of leases for the acreage, the lessee(s) may be required to commit to the unit agreement.

In view of the foregoing commitment status, effective control of operations within the unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

Copies of the approved agreement are being distributed to the BLM Vernal Field Office, Utah Division of Oil, Gas and Mining, and the Office of Natural Resources Revenue. You are requested to furnish all other interested parties with appropriate evidence of this approval.

If there are any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

Roger L Bankert

Roger L. Bankert
Chief, Branch of Minerals

cc: UDOGM
SITLA
ONRR w/Exhibit B (Attn: Jessica Bowlen/Joshua Pearson)
FOM – Vernal w/enclosure

CERTIFICATION - DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, under the Act approved February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. sec 181, et seq., and delegated to the Authorized Officer of the Bureau of Land Management, under the authority of 43 CFR 3180, I do hereby:

A. Approve the attached agreement for the development and operation of the Gate Canyon II Unit Area, Duchesne County, Utah. This approval shall be invalid *ab initio* if the public interest requirement under § 3183.4(b) of this title is not met.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of all Federal leases committed to said Agreement are hereby established, altered, changed or revoked to conform with the terms and conditions of this agreement.

Dated: October 30, 2015

Roger L Bankert

Chief, Branch of Minerals
Bureau of Land Management

Contract No: UTU90523X

Wells added to Gate Canyon II Unit.
Effective October 30, 2015

GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P