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DIV. OF OIL, GAS & MINING

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

April 1, 2004

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

Re: GASCO Energy, Inc./Pannonian Energy, Inc.
Federal #24-31-9-19
1152' FSL and 1417' FWL
SE SW Section 31, T9S - R19E
Uintah County, Utah
Lease No. UTU-019880A

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.

Sincerely,

PERMITCO INC.

Lisa Smith
Consultant for
GASCO Energy, Inc./Pannonian Energy, Inc.

Enc.

cc: Gasco Energy, Inc./Pannonian Energy, Inc. - Englewood, CO

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

# 001 APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: **UTU-019880A**

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**

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

8. Lease Name and Well No.: **Federal #24-31-9-19**

2. Name of Operator: **GASCO Energy, Inc./Pannonian Energy, Inc.** — **303-483-0044** — **14 Inverness Drive East, Suite #H236, Englewood, CO 80112**

9. API Well No.: **43-047-35623**

3. Name of Agent: **Permitco Inc. - Agent** — **303-857-9999** — **14421 County Road 10, Fort Lupton, CO 80621**

10. Field and Pool, or Exploratory: **Pariette Bench**

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: **1152' FSL and 1417' FWL** 4426347Y 39.98325
At proposed prod. zone: **SE SW** 600109X -109.82731

11. Sec., T., R., M., or Blk, and Survey or Area: **Section 31, T9S-R19E**

14. Distance in miles and direction from nearest town or post office*: **Approximately 26 miles Southeast of Myton, UT**

12. County or Parish: **Uintah** — 13. State: **UT**

| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | 16. No. of Acres in lease | 17. Spacing Unit dedicated to this well |
|---|---|---|
| 1152' | 640 | 40 Acres |

| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. | 19. Proposed Depth | 20. BLM/BIA Bond No. on file |
|---|---|---|
| Approx. 2750' | 11,585' | Bond #UT-1233 |

| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) | 22. Approximate date work will start* | 23. Estimated duration |
|---|---|---|
| 4954' GL | September 1, 2004 | 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:

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, 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.

**CONFIDENTIAL-TIGHT HOLE**

| 25. Signature | Name *(Printed/Typed)* | Date |
|---|---|---|
| Lisa L Smith | Lisa L. Smith | 4/1/2004 |

Title: **Authorized Agent for GASCO Energy, Inc./Pannonian Energy, Inc.**

| Approved by *(Signature)* | Name *(Printed/Typed)* | Date |
|---|---|---|
| | **BRADLEY G. HILL** | 05-03-04 |
| Title | Office: **ENVIRONMENTAL SCIENTIST III** | |

Federal Approval of this Action is Necessary

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.

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)*

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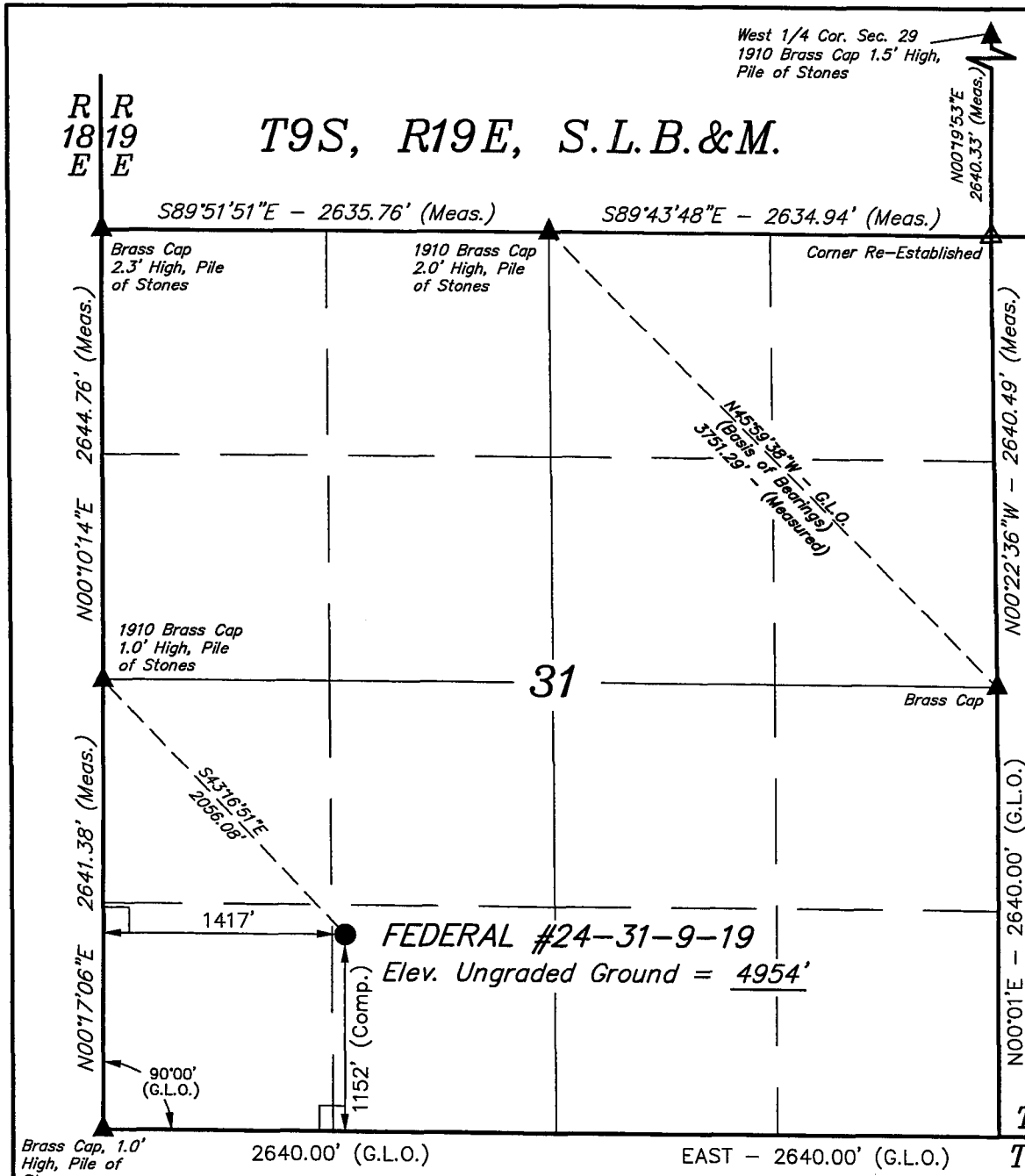
DIV. OF OIL, GAS & MINING

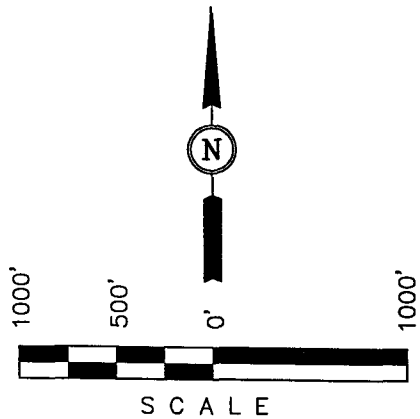
# GASCO ENERGY, INC.

Well location, FEDERAL #24-31-9-19, located as shown in the SE 1/4 SW 1/4 of Section 31, T9S, R19E, S.L.B.&M. Uintah County, Utah.




## BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHWEST CORNER OF SECTION 31, T9S, R19E, S.L.B.&M. TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4838 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.
- △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD. (Not Set on Ground)

(AUTONOMOUS NAD 83)
LATITUDE = 39°58'59.89" (39.983303)
LONGITUDE = 109°49'39.04" (109.827511)


UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017


| | | |
|---|---|---|
| SCALE: 1" = 1000' | DATE SURVEYED: 11-14-03 | DATE DRAWN: 11-16-03 |
| PARTY: J.F. A.F. D.R.B. | 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

**FEDERAL #24-31-9-19**
1152' FSL and 1417' FWL
SE SW Section 31, T9S - R19E
Uintah County, Utah

Prepared For:

GASCO Energy, Inc./Pannonian Energy, Inc.

By:

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

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DIV. OF OIL, GAS & MINING

Copies Sent To:

3 - Bureau of Land Management - Vernal, UT
1 - Utah Division of Oil, Gas & Mining - SLC, UT
3 - GASCO Energy, Inc./Pannonian Energy, Inc. - Englewood, CO

PETROLEUM PERMITTING PERMITCO COMPANY

## APPLICATION FOR PERMIT TO DRILL OR REENTER

# 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 Energy, Inc./Pannonian Energy, Inc. under their BLM Bond No. Bond #UT-1233.**

5. Operator certification.
   **Please be advised that GASCO Energy, Inc./Pannonian Energy, Inc. is considered to be the operator of the above mentioned well. GASCO Energy, Inc./Pannonian Energy, Inc. 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 | 5,065' | -130' |
| Mesa Verde | 8,845' | -3,910' |
| Castlegate | 11,285' | -6,350' |
| T.D. | 11,585' | -6,650' |

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

| *Substance* | *Formation* | *Depth* |
|---|---|---|
| Gas | Wasatch | 5,065' |
| Gas | Mesaverde | 8,845' |
| Gas | Castlegate | 11,285' |

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.

## 3. PRESSURE CONTROL EQUIPMENT

GASCO Energy, Inc./Pannonian Energy, Inc.'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* |
|---|---|---|---|---|---|---|---|
| Surface | 0-225' | 17-1/2" | 13-3/8" | 48# | H-40 | - - - | New |
| Intermediate | 0-3500' | 11" | 8-5/8" | 28# | J-55 | ST&C | New |
| Production | 0-11,585' | 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:

| *Surface* | *Type and Amount* |
|---|---|
| 0-225' | 225 sx Premium Type 5 mixed @ 15.6 ppg, 1.18 yield<br>Cement will be circulated to surface |
| ***Intermediate*** | ***Type and Amount*** |
| 0-3500' | Lead: 410 sx Hi-Fill mixed @ 11 ppg, 3.83 yield<br>Tail: 200 sx Class 'G' mixed @ 15.8 ppg, 1.16 yield<br>Cement will be circulated to surface |
| ***Production*** | ***Type and Amount*** |
| 2,500'-11,585' | Lead: 725 sx Lite mixed @ 13.0 ppg, 1.74 yield<br>Tail: 1725 sx 50:50 Poz mixed @ 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 | - - - | 7 |
| 225' - 3,500' | Fresh Water | 8.33 | 1 | - - - | 7-8 |
| 3,500' - 11,585' | 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 6867 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 is planned to commence on September 1, 2004.

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

PETROLEUM PERMITTING
PERMITCO
COMPANY

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.).

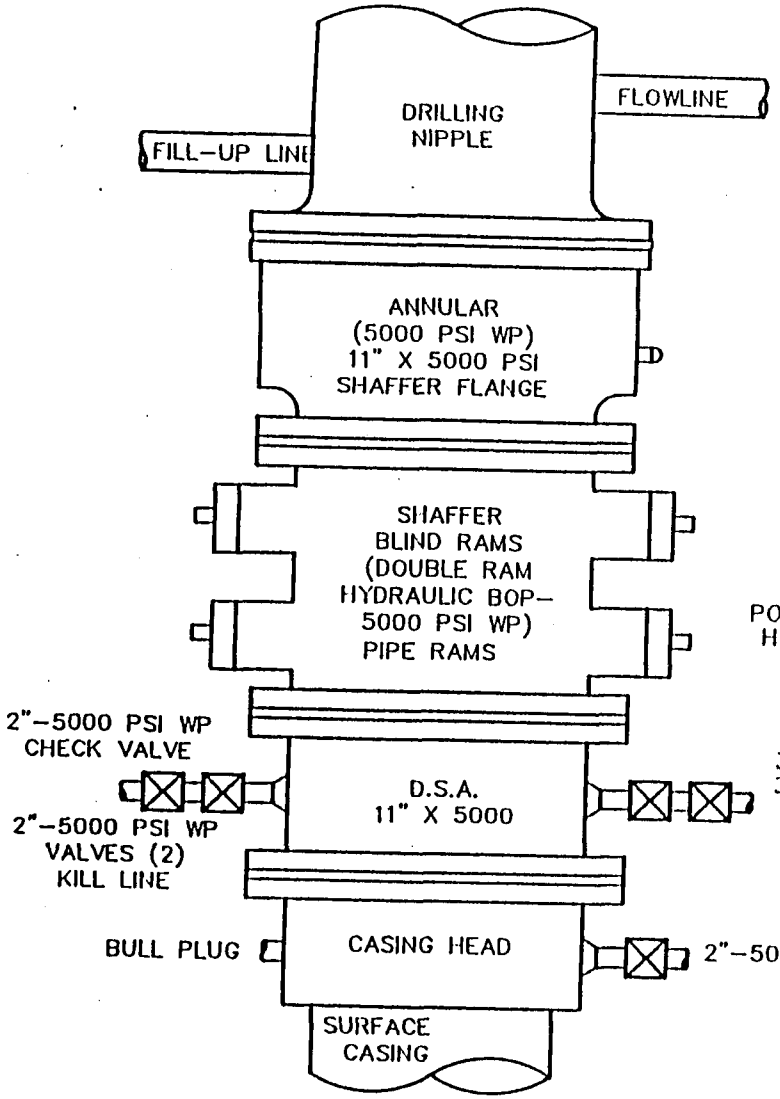
m. A first production conference will be scheduled within 15 days after receipt of the first production notice.

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.

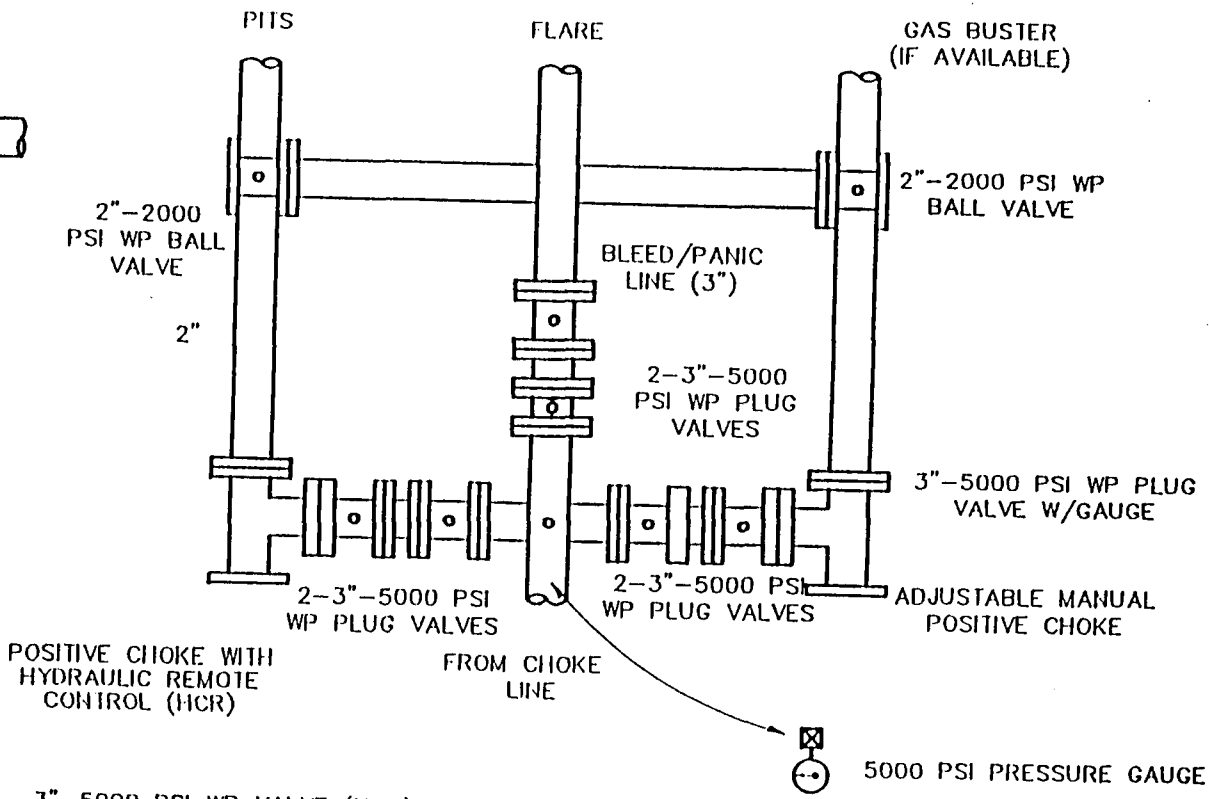
o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations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

| Bureau of Land Management<br>170 South 500 East<br>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 |

## BOP SCHEMATIC
## 5000 PSI WORKING PRESSURE




## PLAN VIEW CHOKE MANIFOLD




3"-5000 PSI WP VALVE (HCR)
3"-5000 PSI WP VALVE
3"-5000 PSI AUTOMATIC CHOKE
CHOKE LINE (I.D.)

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 February 13, 2004 at approximately 10:40 p.m. Weather conditions were clear and cold. In attendance at the onsite inspection were the following individuals:

| | | |
|---|---|---|
| Byron Tolman | Natural Resource Specialist | Bureau of Land Management |
| Lisa Smith | Permitting Agent | Permitco Inc. |
| Don Alred | Land Surveyor | Uintah Engineering and Land Surveying |

### 1. EXISTING ROADS

a. The proposed well site is located approximately 26 miles southeast of Myton, Utah.

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

Proceed in a southeasterly direction from Myton, Utah for approximately 12.7 miles to the Castle Peak Mine. Stay left and continue easterly for 5.4 miles. Turn right and proceed south for 2.5 miles to a fork in the road. Turn left and continue southeasterly for 3.1 miles. Continue east for 1.8 miles. Turn left and proceed northeasterly for 0.4 miles. Turn right onto the new access road and proceed easterly for 0.1 miles 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 majority of the road is an existing upgraded oilfield road. Only 0.1 miles of new construction will be necessary.

b. The maximum grade of the new construction will be approximately 3%.

c. No turnouts are planned.

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

e. The last 0.1 miles 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. All new access is located within the lease boundaries. We do not believe that a road right of way will be necessary.

## 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 - two

PETROLEUM PERMITTING PERMITCO COMPANY

d. Drilling wells - none

e. Shut-in wells - two

f. Temporarily abandoned wells - none

g. Disposal wells -none

h. Abandoned wells - one

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. No pipeline ROW will be required.

## 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 north east side of the location.

c. The flare pit will be located on the south 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 and west sides of the location, between Corners 7 and 8 and 2 and 4. Topsoil along the access route will be wind rowed on the uphill side.

e. Access to the well pad will be from the west 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 |
| Indian rice grass | 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 workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.

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 Energy, Inc./Pannonian Energy, Inc.**
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 Energy, Inc. 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.

April 1, 2004
Date:

Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
GASCO Energy, Inc. / Pannonian Energy, Inc.

PIPELINE INFORMATION
***Federal #24-31-9-19***

1. The type of pipeline is a single well flow line.

2. The outside diameter (O.D.) of all will be 6 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 150 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 650 feet - see Map D.

11. The line will be laid on the surface, adjacent to the road as shown on Map D.

12. The pipeline will be buried under the existing access road, prior to reaching the tie-in point. Backfilling will only be necessary where the pipeline crosses under the road.

13. The construction width needed for total surface disturbing activities is 30 feet.

14. The estimated total acreage involving all surface disturbing activities is 0.45 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

# GASCO ENERGY, INC.

## FEDERAL #24-31-9-19

**LOCATED IN UINTAH COUNTY, UTAH**
**SECTION 31, T9S, R19E, S.L.B.&M.**

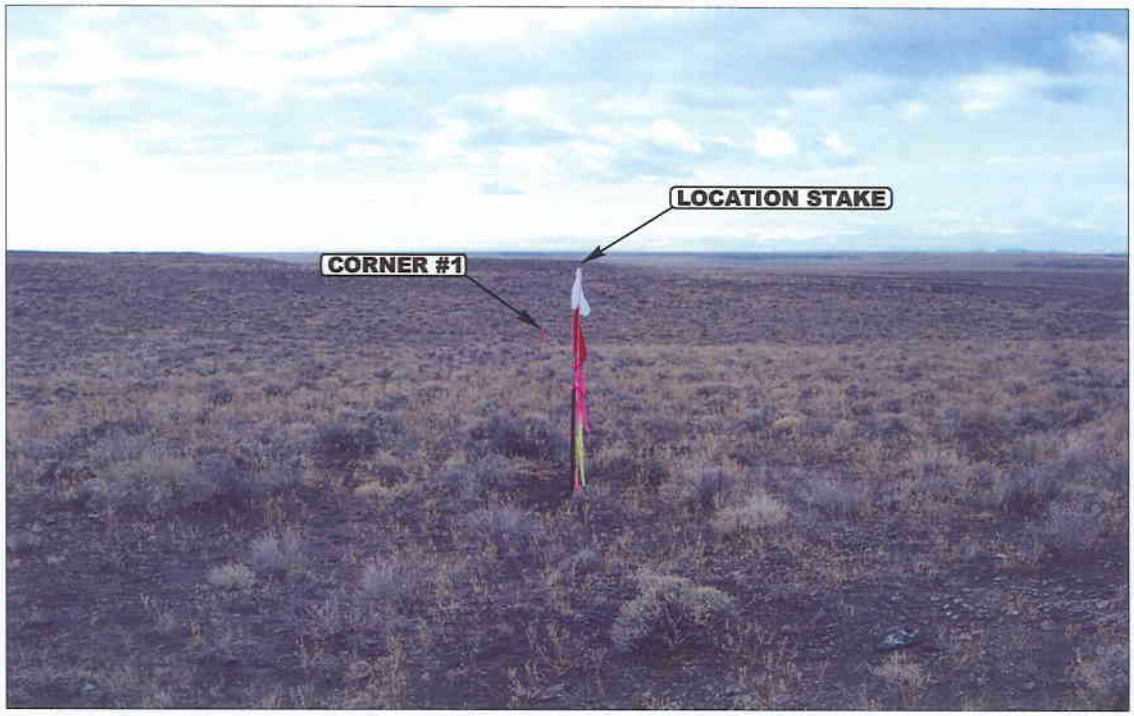
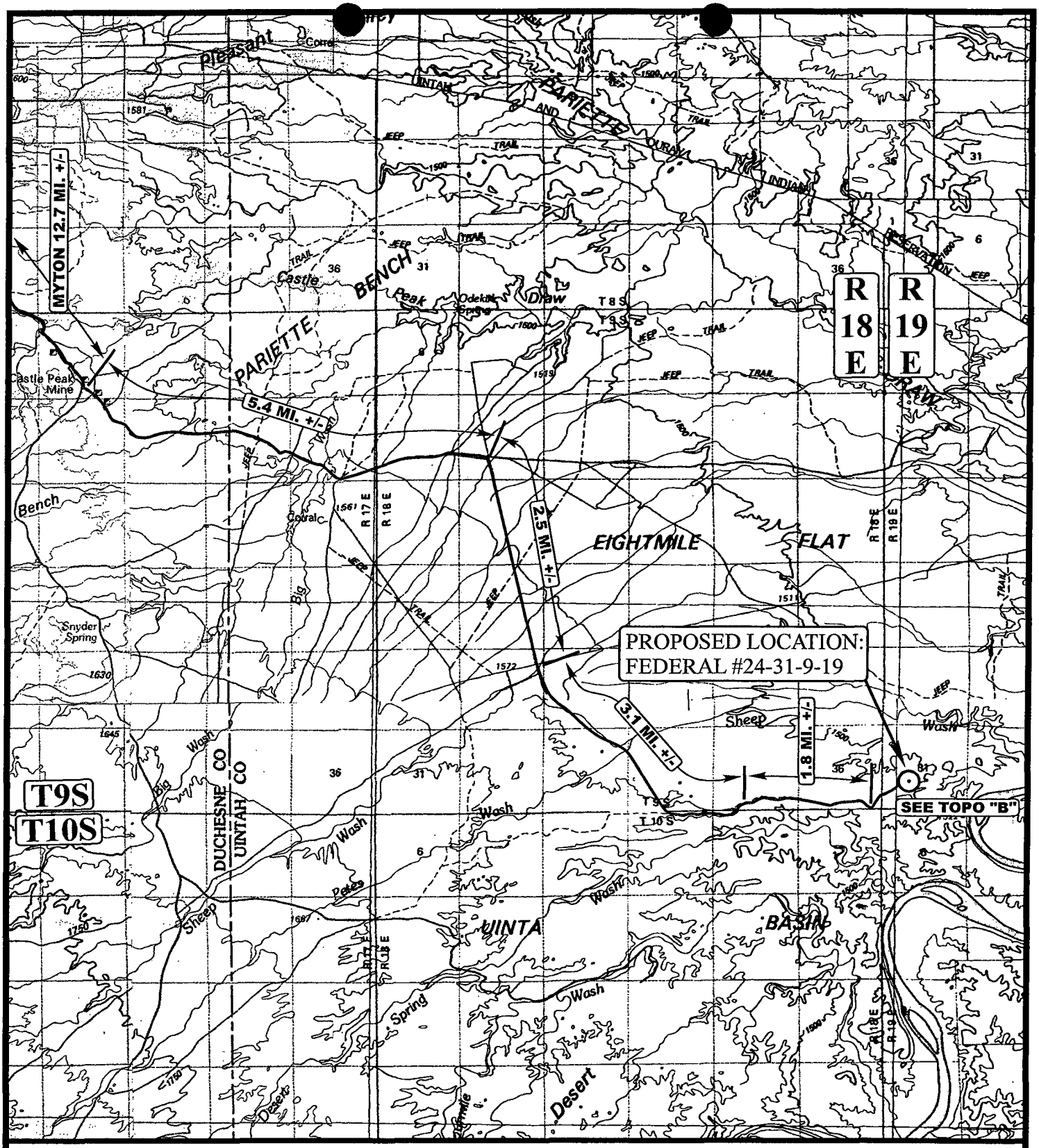



**PHOTO: VIEW FROM LOCATION STAKE TO CORNER #1** **CAMERA ANGLE: NORTHWESTERLY**


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

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

| LOCATION PHOTOS | 11 MONTH | 24 DAY | 03 YEAR | PHOTO |
|---|---|---|---|---|
| TAKEN BY: J.F. | DRAWN BY: J.L.G. | REVISED: 00-00-00 | | |




**LEGEND:**

⊙ PROPOSED LOCATION

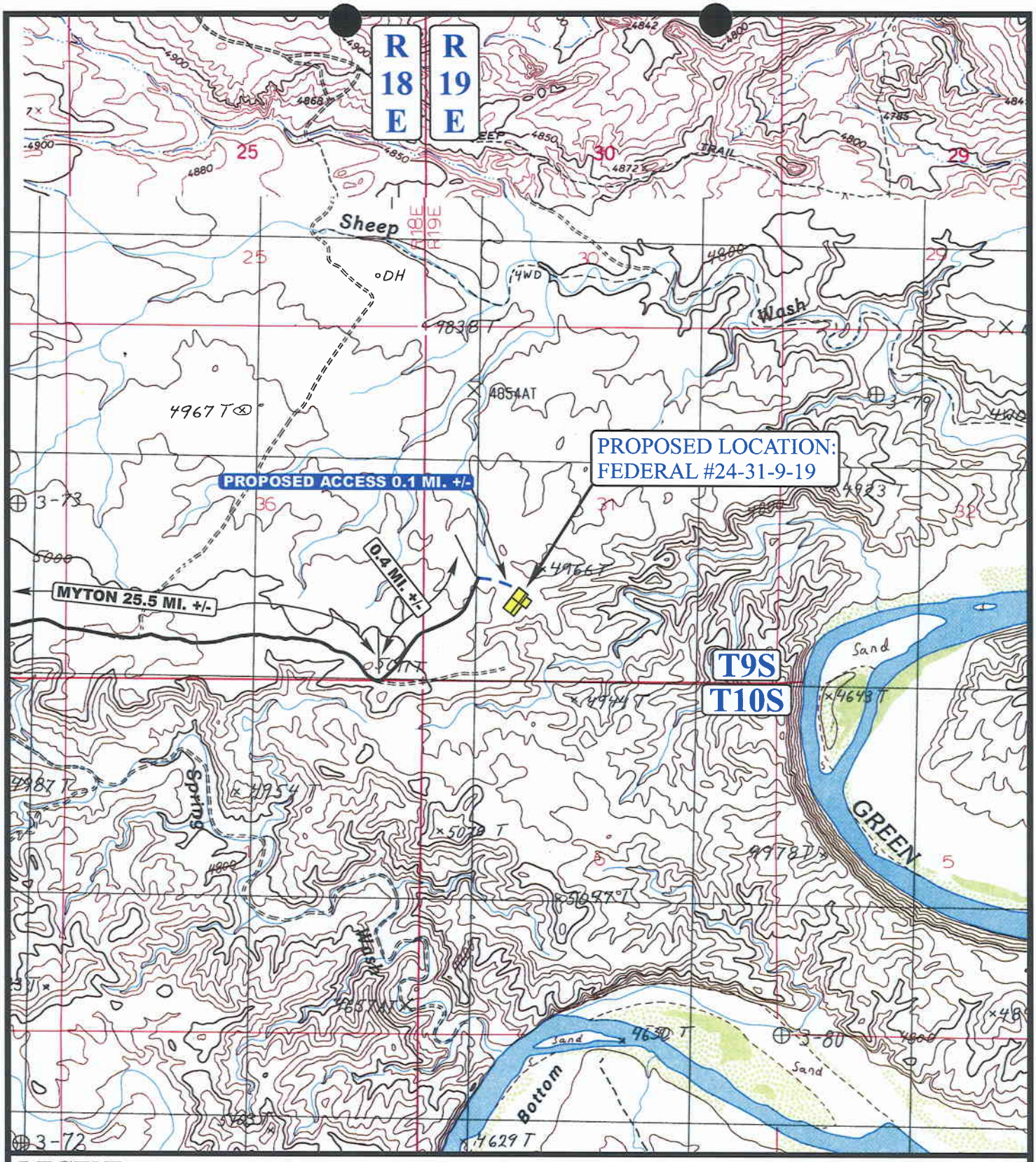
N

**GASCO ENERGY, INC.**

**FEDERAL #24-31-9-19**
**SECTION 31, T9S, R19E, S.L.B.&M.**
**1152' FSL 1417' FWL**


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


| TOPOGRAPHIC MAP | 11 MONTH | 24 DAY | 03 YEAR | A TOPO |
|---|---|---|---|---|
| SCALE: 1 : 100,000 | DRAWN BY: J.L.G. | REVISED: 00-00-00 | | |




**LEGEND:**

PROPOSED ACCESS ROAD

EXISTING ROAD

N

**GASCO ENERGY, INC.**

**FEDERAL #24-31-9-19**

**SECTION 31, T9S, R19E, S.L.B.&M.**

**1152' FSL 1417' FWL**


Uintah Engineering & Land Surveying

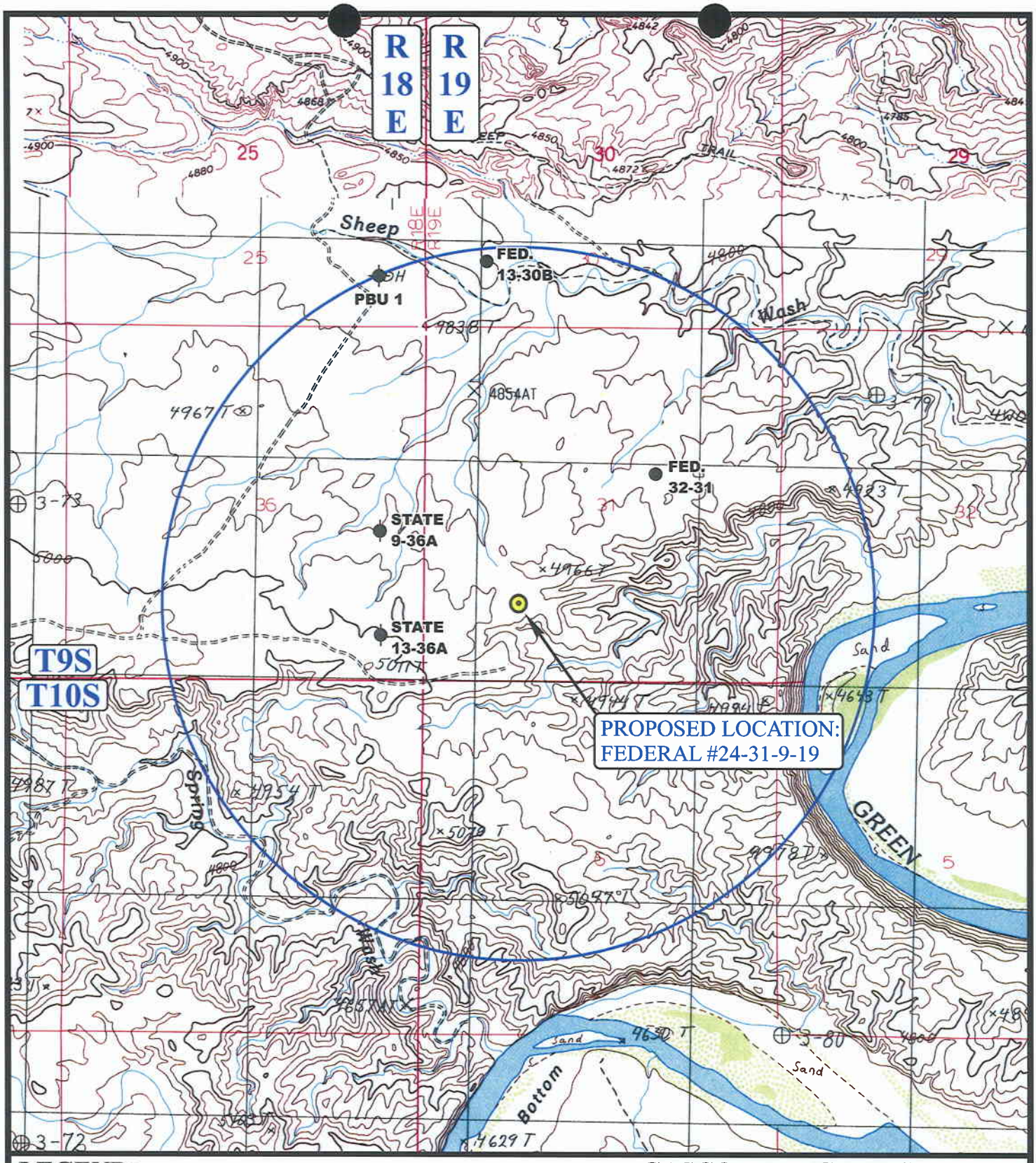
85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813


TOPOGRAPHIC MAP | 11 MONTH | 24 DAY | 03 YEAR

SCALE: 1" = 2000' | DRAWN BY: J.L.G. | REVISED: 00-00-00

B TOPO




## LEGEND:

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

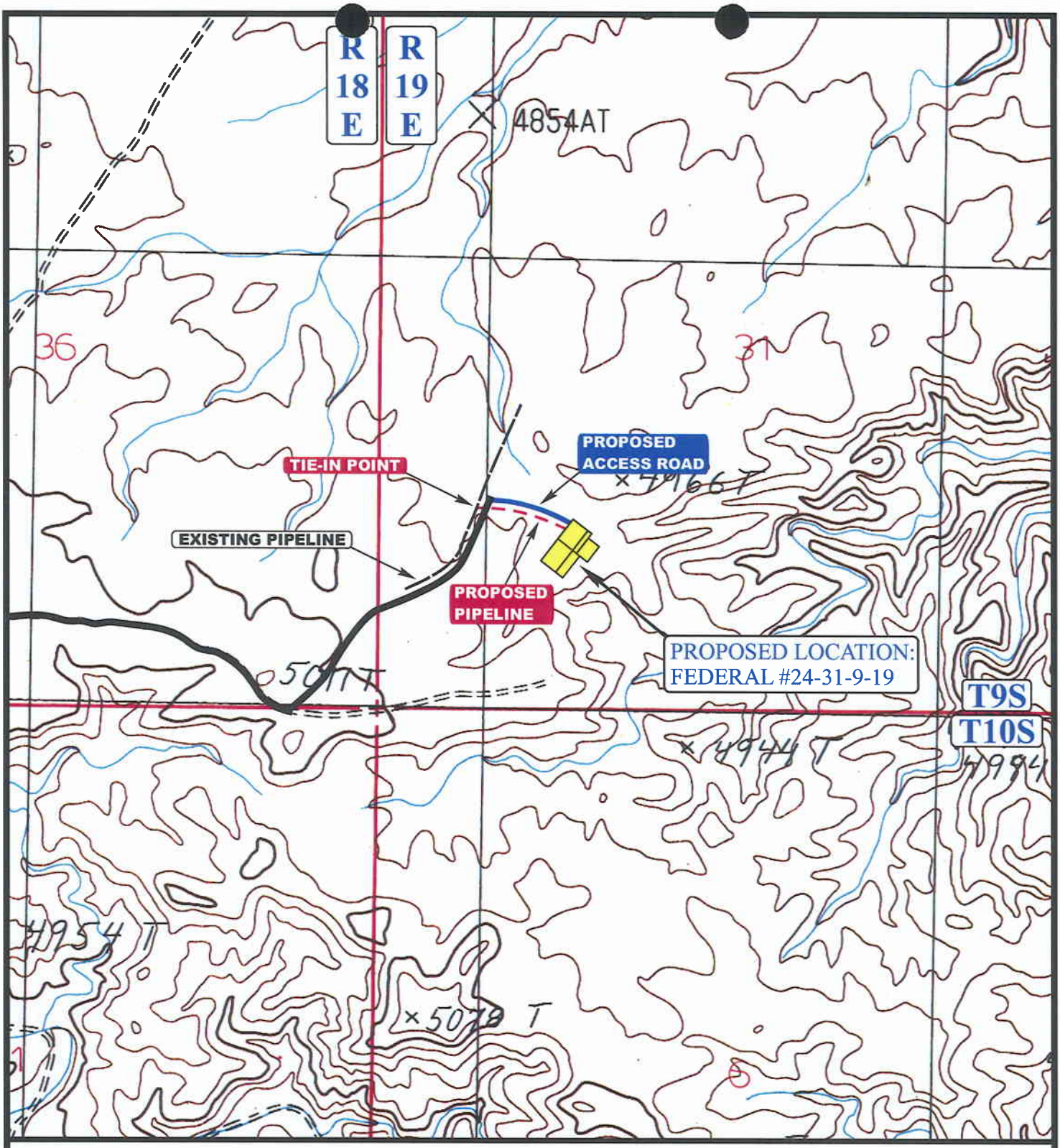
N

## GASCO ENERGY, INC.

**FEDERAL #24-31-9-19**
**SECTION 31, T9S, R19E, S.L.B.&M.**
**1152' FSL 1417' FWL**


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


| TOPOGRAPHIC MAP | 11 MONTH | 24 DAY | 03 YEAR |
|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.L.G. | REVISED: 00-00-00 | C TOPO |




APPROXIMATE TOTAL PIPELINE DISTANCE = 650' +/-

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

N

**GASCO ENERGY, INC.**

**FEDERAL #24-31-9-19**
**SECTION 31, T9S, R19E, S.L.B.&M.**
**1152' FSL 1417' FWL**


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


TOPOGRAPHIC MAP | 11 MONTH | 24 DAY | 03 YEAR

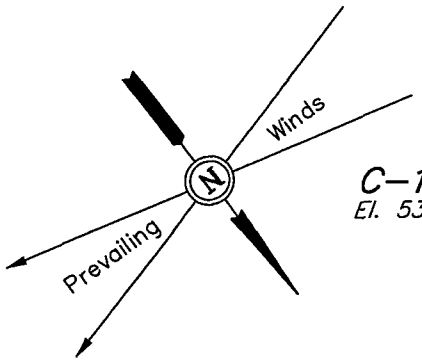
SCALE: 1" = 1000' | DRAWN BY: J.L.G. | REVISED: 00-00-00

D TOPO

# GASCO ENERGY, INC.

## LOCATION LAYOUT FOR

FEDERAL #24-31-9-19
SECTION 31, T9S, R19E, S.L.B.&M.
1152' FSL 1417' FWL




SCALE: 1" = 50'
DATE: 11-16-03
Drawn By: D.R.B.

C-1.5'
El. 53.3'

C-1.3'
El. 53.1'

Topsoil Stockpile

Sta. 3+80

C-7.1'
El. 58.9'

DATA

Approx. Top of Cut Slope

65'

200'

CATWALK

PIPE RACKS

Pit T.S.

FLARE PIT

C-2.3'
El. 54.1'

C-3.5'
El. 55.3'

C-2.2'
El. 54.0'

El. 49.5'
C-5.7'
(btm. pit)

20' WIDE BENCH

30'

35'

DOG HOUSE

135'

Sta. 1+80

RIG

100'

F-4.2'
El. 47.6'

Pit Capacity With 2' of Freeboard is 10,040 Bbls. ±

Slope = 1-1/2:1

MUD TANKS

WATER

TRAILER

Approx. Toe of Fill Slope

PUMP

TOILET

MUD SHED

HOPPER

FUEL

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

140'

POWER

TRASH

TOOLS

RESERVE PITS
(8' Deep)

FUEL

Sta. 0+52

Proposed Access Road

El. 49.0'
C-5.2'
(btm. pit)

180'

STORAGE TANK

20' WIDE BENCH

F-2.6'
El. 49.2'

Round Corners as Needed

40'

Sta. 0+00

F-6.7'
El. 45.1'

F-3.4'
El. 48.4'

Topsoil Stockpile

F-6.1'
El. 45.7'

Elev. Ungraded Ground at Location Stake = 4954.0'
Elev. Graded Ground at Location Stake = 4951.8'


UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

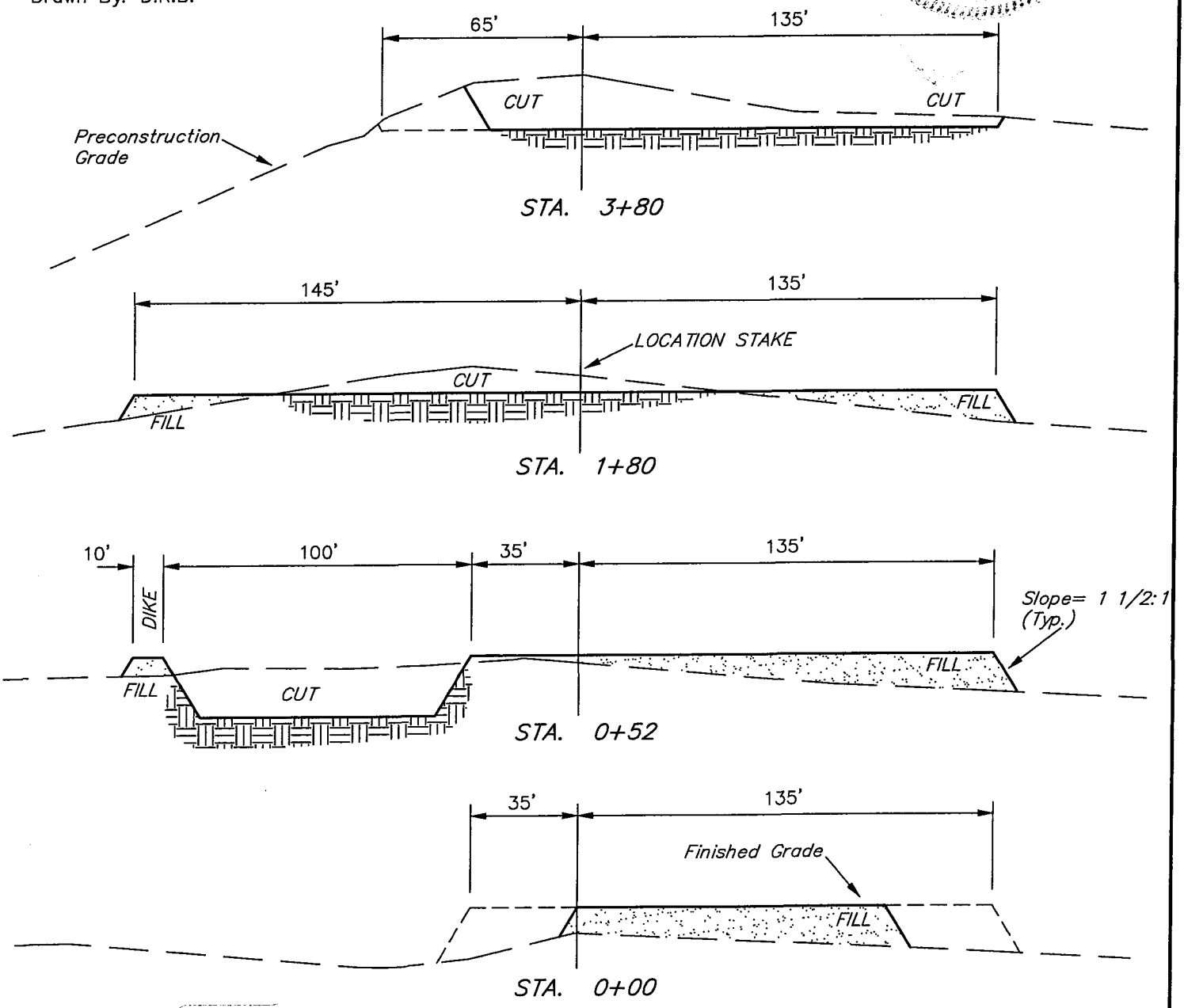
# GASCO ENERGY, INC.

## TYPICAL CROSS SECTIONS FOR

FEDERAL #24-31-9-19
SECTION 31, T9S, R19E, S.L.B.&M.
1152' FSL 1417' FWL

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

DATE: 11-16-03
Drawn By: D.R.B.




## APPROXIMATE YARDAGES

CUT

| | | |
|---|---|---|
| (6") Topsoil Stripping | = | 1,660 Cu. Yds. |
| Remaining Location | = | 6,690 Cu. Yds. |
| TOTAL CUT | = | 8,350 CU.YDS. |
| FILL | = | 4,900 CU.YDS. |

| | | |
|---|---|---|
| EXCESS MATERIAL AFTER 5% COMPACTION | = | 3,190 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = | 3,190 Cu. Yds. |
| EXCESS UNBALANCE (After Rehabilitation) | = | 0 Cu. Yds. |

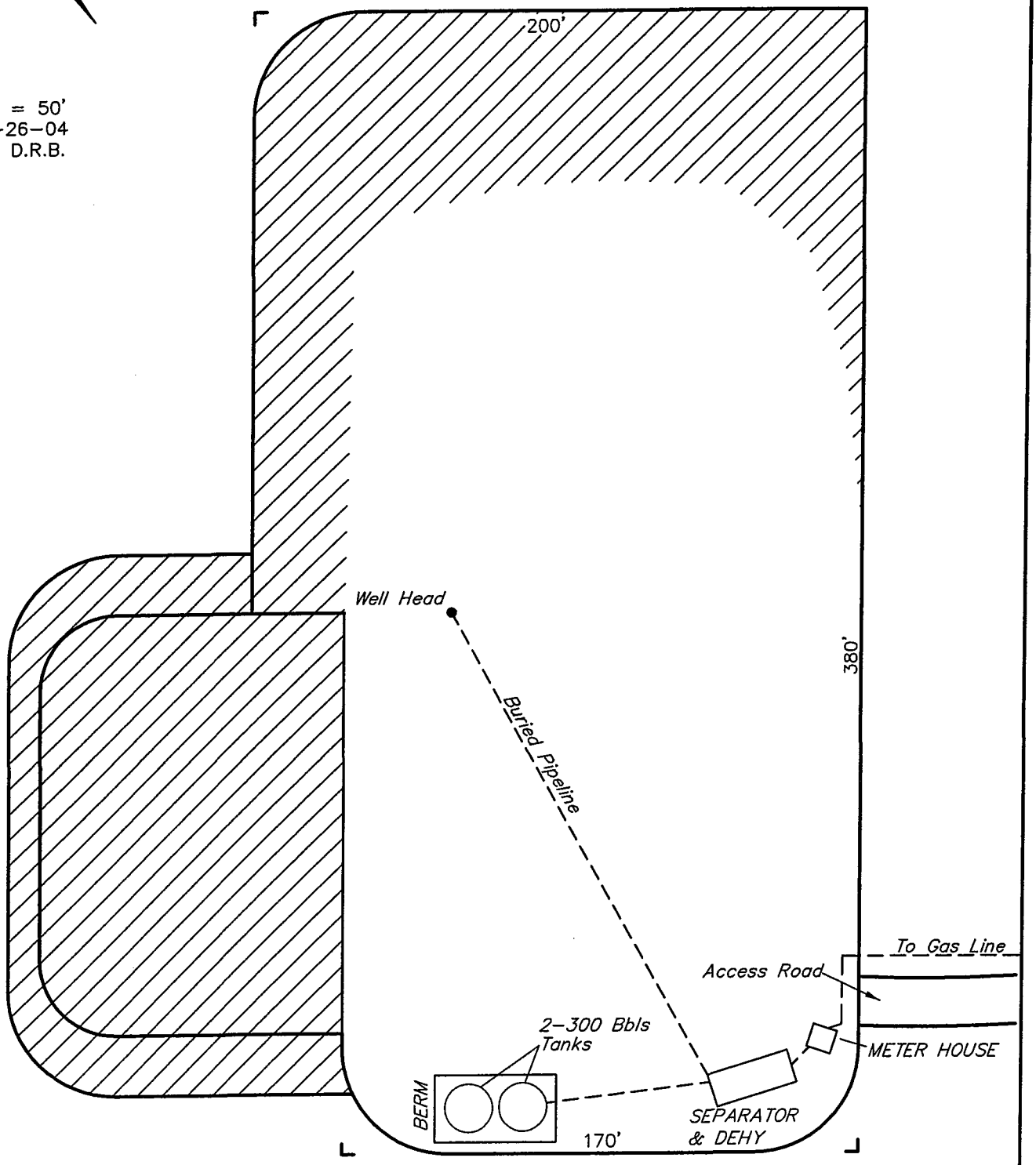

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

# GASCO ENERGY, INC.

## PRODUCTION FACILITIES LAYOUT FOR

FEDERAL #24-31-9-19
SECTION 31, T9S, R19E, S.L.B.&M.
1152' FSL 1417' FWL

SCALE: 1" = 50'
DATE: 03-26-04
Drawn By: D.R.B.




= RE-HABED AREA


UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 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.

# UTAH STATE COVER PAGE

Must Accompany All Project Reports
Submitted to Utah SHPO

Project Name: **Class III Cultural Resource Inventory Report on Five Proposed Well Locations, Related Accesses and Pipeline Routes in Uintah County, Utah for Gasco, Inc.**

State Proj. No. **U04-GB-0128b**

Report Date: **19 March 2004** County(ies): **Uintah**

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

Records search completed at: **BLM Vernal** Record search date(s): **03/10/2004**

Acreage Surveyed ~ Intensive: **81 acres** Recon/Intuitive: **0 acres**

7.5' Series USGS Map Reference(s): **Uteland Butte 1964, Nutters Hole 1985**

| **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 | 42UN3659, 42UN3660 |
| Total Count of Archaeological Sites | 2 | 42UN3659, 42UN3660 |
| **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-0128b**
**[GRI Project No. 2404]**

1. Report Title: **Class III Cultural Resource Inventory Report on Five Proposed Well Locations, Related Accesses and Pipeline Routes in Uintah County, Utah**
2. Report Date: **03/19/2004** 3. Date(s) of Survey: **10th - 11th 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): **Uintah**
9. Fieldwork Location: **T. 9 S., R. 19 E., Sections 16, 17, 21, 29, and 31, S.L.B.M**
10. Record Search:
    Location of Records Searched for BLM: **BLM Vernal** Date: **03/10/2004**
11. Description of Proposed Project: **Five well locations and related pipeline/access**
12. Description of Examination Procedures: **Class III, 100% pedestrian, cultural resources survey of the proposed pipeline route was made by walking four parallel transects spaced at 10m intervals and centered on the flagged line to cover corridors 100 feet wide. A total of about 81 acres was intensively surveyed.**

| 13. Area Surveyed: | | BLM | OTHER FED | STATE | PRI. |
|---|---|---|---|---|---|
| **Linear Miles** | Intensive: | **2.58 miles** | | | |
| | Recon/Intuitive: | | | | |
| **Acreage** | Intensive: | **50 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 | 42UN3659<br>42UN3660 | | | |
| Total Number of Archaeological Sites | | **2** | 42UN3659<br>42UN3660 | | | |
| 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**
**Five Proposed Well Locations, Related Accesses and Pipeline Routes**
**in Uintah County, Utah**
**for**
**Gasco, Inc.**

Declaration of Positive Findings

GRI Project No. 2404

22 March 2004

Prepared by

Grand River Institute
P.O. Box 3543
Grand Junction, Colorado 81502
BLM Antiquities Permit No. 03UT-54939
UDSH Project Authorization No. U04-GB-0128b

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 of five proposed well locations (State # 24-16-9-19, Fed. #31-21-9-19, Fed. #12-29-9-19, Fed. #41-31-9-19, and Fed. #24-31-9-19), related accesses and pipeline routes in Uintah County, Utah, under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U04-GB-0128b. This work was done to meet requirements of Federal and State laws that protect cultural resources.

A files search conducted through the BLM Vernal District Office on 10 March 2004 indicated site 42UN1181 was previously recorded within the new access route to the proposed Fed. #12-29-9-19 well location. That site was previously evaluated as non-significant and not eligible for listing on the NRHP, and has been subsequently crossed by new roads and pipelines.

Field work was performed on the 10th and 11th of March 2004. A total of about 81.0 acres of BLM surface administered land was inspected. Remnants of the previously recorded site (42UN1181) were relocated, but those findings elicited no change to the site's original field evaluation of non-significant. Two small resource procurement sites (limited activity areas) were encountered–one on the Fed. #31-21 and one adjacent to the State #24-16. Both were field evaluated as non-significant and no further work is advised. Accordingly, archaeological clearance is recommended for the proposed wells, new roads, and pipelines.

## Table of Contents



## List of Figures and Tables

✣ Grand River Institute ✣

P.O. Box 3543 ✣ Grand Junction, CO 81502 ✣ 970/245-7868 FAX 970/245-6317

March 23, 2004

Gasco, Inc.
14 Inverness Drive East
Suite H-236
Englewood, CO 80112

Attn: Mike Decker

Re: GRI Project No. 2404 – U04-GB-0128b

Dear Mike:

Enclosed is one copy of our final report for the above cited project. Additional copies have been distributed as indicated below. Also enclosed is an invoice for our work. Please call me if you have any questions or comments.

Sincerely,

Carl E. Conner

Carl E. Conner
Director

Enc.

Distribution:

2 – Blaine Phillips, Bureau of Land Management Vernal District Office
1 – Lisa Smith, Permitco

## 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 of five proposed well locations (State # 24-16-9-19, Fed. #31-21-9-19, Fed. #12-29-9-19, Fed. #41-31-9-19, and Fed. #24-31-9-19), related accesses and pipeline routes in Uintah 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-0128b. A files search was conducted at BLM on 10 March 2004 and field work was performed on that and the following day. A total of about 81.0 acres of BLM administered lands 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 33.0 miles south-southeast of Vernal, Utah, in Uintah County. The proposed wells, new access roads and pipeline routes are located in T. 9 S., R. 19 E., Sections 16, 17, 21, 29, and 31; 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 # 24-16-9-19 | 1.53 mile access<br>.18 mile pipeline | T. 9 S., R. 19 E., Sections 16, 17, 21 |
| Fed. #31-21-9-19 | .28 mile pipeline/access | T. 9 S., R. 19 E., Sections 16, 21 |
| Fed. #12-29-9-19 | .13 mile pipeline/access | T. 9 S., R. 19 E., Section 29 NW |
| Fed. #41-31-9-19 | .37 mile pipeline/access | T. 9 S., R. 19 E., Section 31 NE |
| Fed. #24-31-9-19 | .09 mile pipeline/access | T. 9 S., R. 19 E., Section 31 SW |

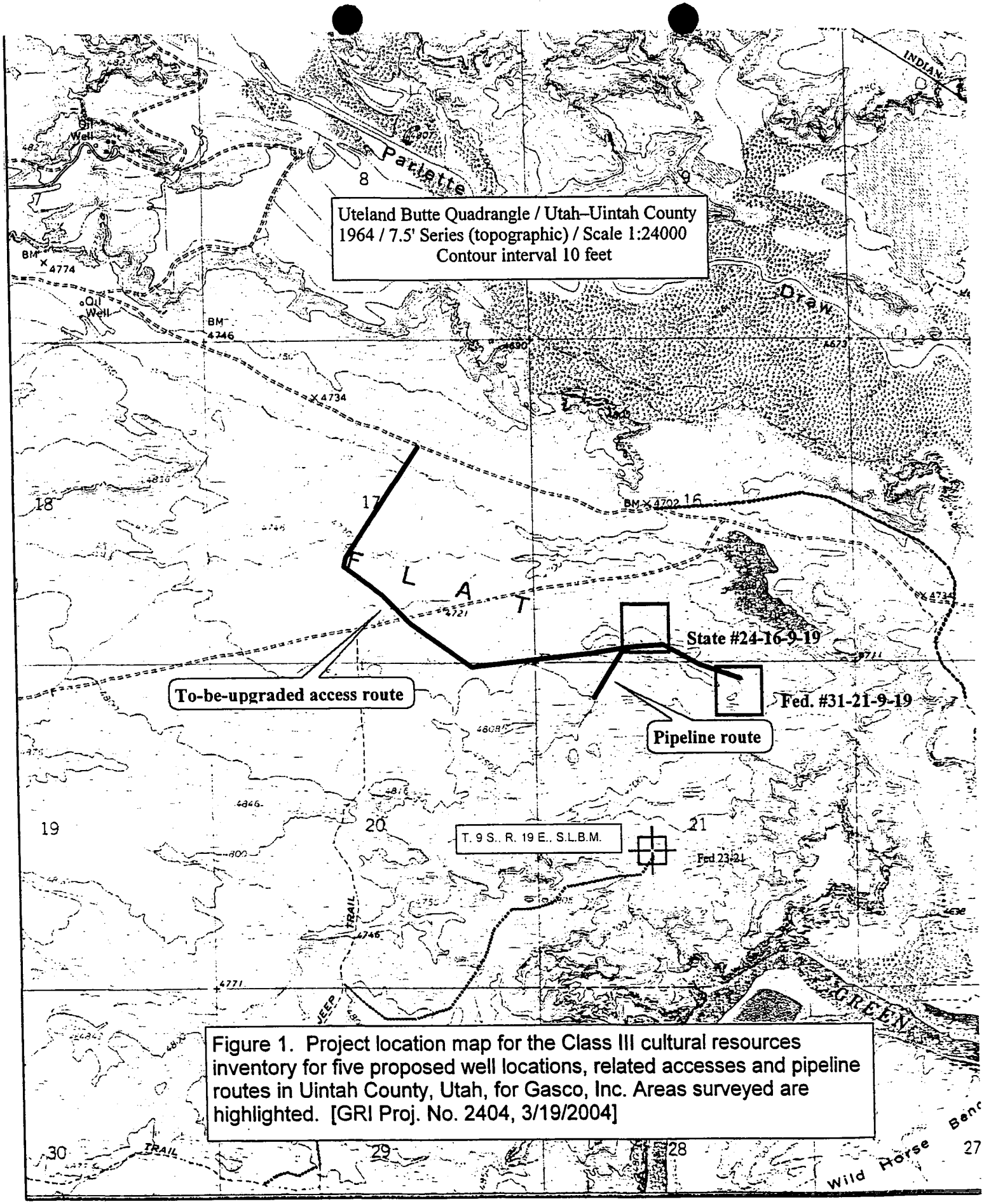



Figure 1. Project location map for the Class III cultural resources inventory for five proposed well locations, related accesses and pipeline routes in Uintah County, Utah, for Gasco, Inc. Areas surveyed are highlighted. [GRI Proj. No. 2404, 3/19/2004]

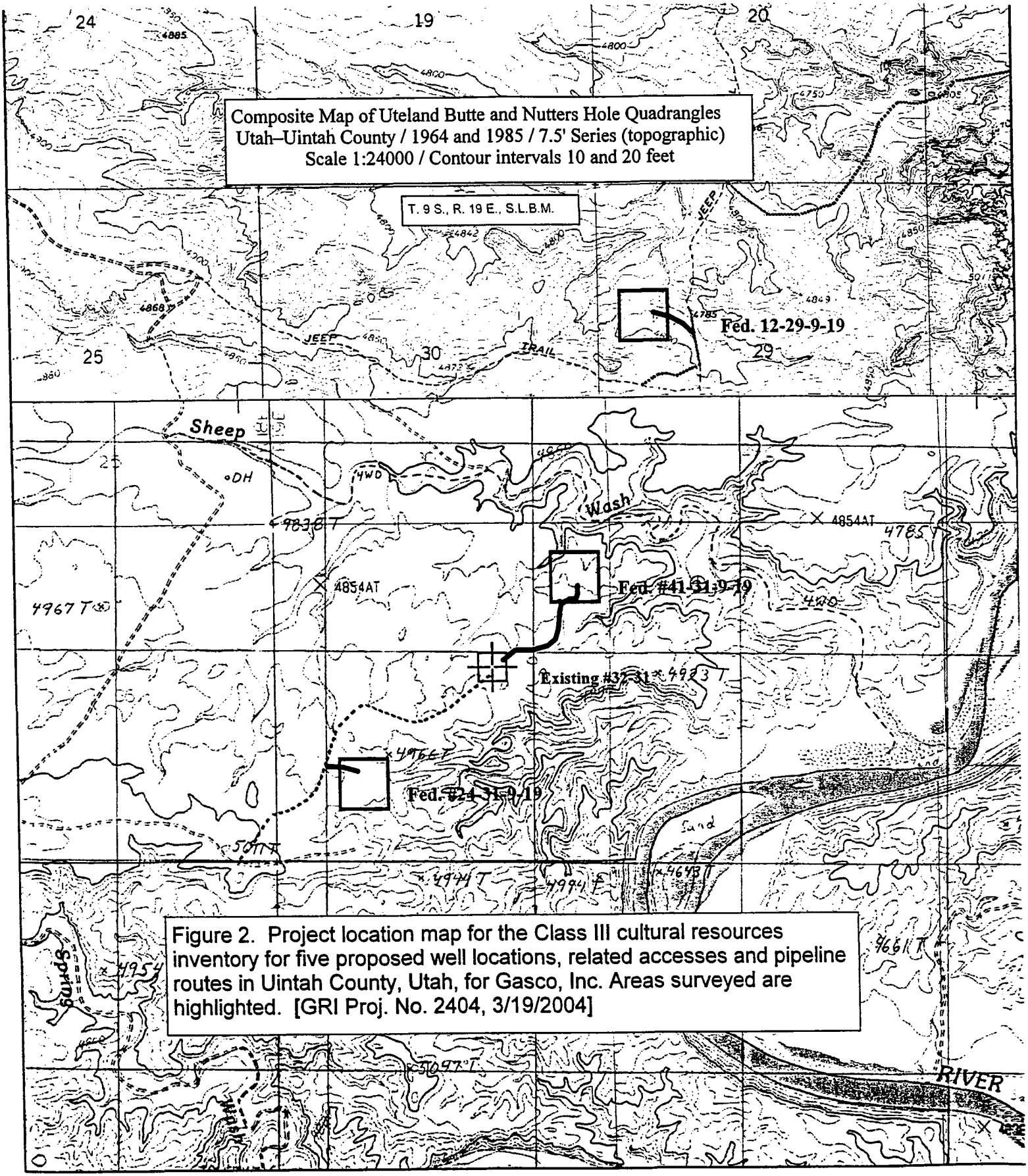



Figure 2. Project location map for the Class III cultural resources inventory for five proposed well locations, related accesses and pipeline routes in Uintah County, Utah, for Gasco, Inc. Areas surveyed are highlighted. [GRI Proj. No. 2404, 3/19/2004]

## 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. The lower Uinta Formation is the bedrock of the study area. Holocene and Pleistocene-age alluvium and colluvium occur as a veneer over the Uinta. It consists of channel and flood-plain stream deposits. Soils encountered were rocky, shaley, silty, and sandy loams, which are in general formed in residuum from the underlying formation. However, dunes are common in this region as well.

Elevations in the project area range from 4700-to-5000 feet. The terrain is characterized as bench land that is cut by dendritic washes. Vegetation is a shadscale desert community. 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 7 and 10 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

A files search was conducted through the BLM Vernal District Office on 10 March 2004. Previous projects in the areas near the proposed wells include 81-UT-181, U85-AF-664, U92-SJ-087b, U92-SJ-121b, U92-SJ-123bs, U96-AF-364b, U00-AF-976bs, U01-MQ-288b, and U02-MQ-146b. Only in the U92-SJ-121b report was a site recorded (Polk 1992). It is a prehistoric lithic procurement site, 42UN1181, adjacent to the proposed Fed. #12-29-9-19 well location. The following description of the site is excerpted from that report:

> Site **42UN1181** is a large lithic quarry [procurement locality] that occurs wherever desert pavement [pediment deposits] is exposed in wash areas and on hillsides. It covers the major portion of Section 29 and the central part of the west half of Section 28 (T9S, R19E). No features were observed other than crude walls on a butte on the western edge of the site (previously recorded as 42UN863). Topography, slope, aspect, etc. change across the site, as it covers a large area. Most artifacts are quartzite primary and secondary flakes and cores. (Two types of cores

are evident: a cobble with bifacial flakes taken off bifacially and a cobble with one end knocked off and subsequent flakes removed.)

During a well pad inventory by Sagebrush Archaeological Consultants in April 1992, several small areas of lag cobble deposits were crossed by a survey along an existing two track road proposed for an access to the well pad. The areas were generally in low lying ponding areas or where sandstone bedrock exposures occur. Most of the gravels are quartzite, quartz and mudstone cobbles with no evidence of alteration. However, about five percent of the materials do show evidence of splitting and flaking, possibly for evaluation of the quality of the material or for creation of primary flakes for immediate use or later refinement into formal tools. Also present in these fields are some cores and primary flakes. There is no evidence of depth or concentrations of culturally altered materials.

Also found in a large cobble field was a possible hearth feature. It consists of four small boulders arranged in a rectangular pattern enclosing a small open area of sterile clay soils within a pebble/cobble field. There is also another rock near the corner of the feature. The feature measures about 120 cm. by 90 cm. in size. It may represent the remains of a former prehistoric hearth feature. No tools or other associated cultural evidence was found in the area.

This site was revisited in yr2000 as part of project U00-GB-0441b. Evidence of lithic procurement activities was observed within the natural gravel deposits of site 42UN1181, as originally documented. It was field evaluated under both the original recording and the yr2000 project as non-significant.

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 was made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related access and pipeline routes 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 81.0 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. A very low density scatter of lithic debris was observed along the border of site 42UN1181 along the proposed access road to the Fed. #12-29-9-19. Since the site was previously evaluated as non-significant, these materials were given no further consideration by this project. One prehistoric open lithic scatter (42UN3659) was identified in the 10-acre study area for the proposed Fed. #31-21-9-19 well, and a small open camp was identified on the west edge of the proposed State #24-16-9-19 (Federal Surface). 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 **42UN3659** is a low density open lithic scatter situated on the south side of a dune in shallow soils. The average elevation is 4730 feet and vegetation on site is a sparse shadscale community. A few artifacts are spread across an area that measures approximately 40 meters (E-W) by 30 meters. Five items were found that appear to be culturally produced artifacts. Three are reduced cobbles or cobble fragments that appear to have functioned as chopper/scrapers and a fourth is a utilized flake. One unusual piece of groundstone is also present. It is a unifacial, narrow, thick, rectangular-shaped cobble (27 x 8 x 7cm) with two small circular (about the size of a quarter) pecked areas. This piece likely functioned as a mortar. The chopper/scrapers and utilized flakes were apparently utilized for butchering purposes. The local chert and quartzite gravels were procured for these tools. No features or diagnostic artifacts were encountered, and there appears to be no potential for significant subsurface cultural deposits.

Evaluation and Management Recommendation

This site is unlikely to contribute significant information concerning the prehistoric occupation of the Uinta Basin area 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 **42UN3660** is a low density, dispersed lithic and ground stone scatter situated on the west side of a dune in shallow soils. The average elevation is 4745 feet and vegetation on the site is a sparse shadscale community. A few artifacts are spread across an area that measures approximately 60 meters in diameter. Six cultural items were found and these consist of a core, an end scraper, a metate, a flake and two cobble fragments. The metate is unifacial, shaped, ground and pecked. The artifacts suggest that the site was used as a temporary camp and activities represented include both floral and faunal processing. The local chert and quartzite gravels were procured for the tools. Unfortunately, no features or diagnostic artifacts were encountered, and there appears to be no potential for significant subsurface cultural deposits.

Evaluation and Management Recommendation

This site is unlikely to contribute significant information concerning the prehistoric occupation of the Uinta Basin area 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 prehistoric limited activity areas. 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, new roads, 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.

# APPENDIX A: Cultural Resources Location Data and IMACS Forms

GASCO Energy Inc

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 (Company Name) 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 Energy, Inc. / Pannonian Energy (Company Name) agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Sincerely,

John D. Longwell
Operations Manager

004

# WORKSHEET
# APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/05/2004

API NO. ASSIGNED: 43-047-35623

WELL NAME: FEDERAL 24-31-9-19

OPERATOR: ~~PANNONIAN ENERGY INC~~ Gasco Energy Inc. ( N1815 )

CONTACT: LISA SMITH

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

SESW 31 090S 190E

SURFACE: 1152 FSL 1417 FWL

BOTTOM: 1152 FSL 1417 FWL

UINTAH

PARIETTE BENCH ( 640 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-019880A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: CSLGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|---|---|---|
| Engineering | | |
| Geology | | |
| Surface | | |

LATITUDE: 39.98325

LONGITUDE: 109.82731

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: )

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit _____

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

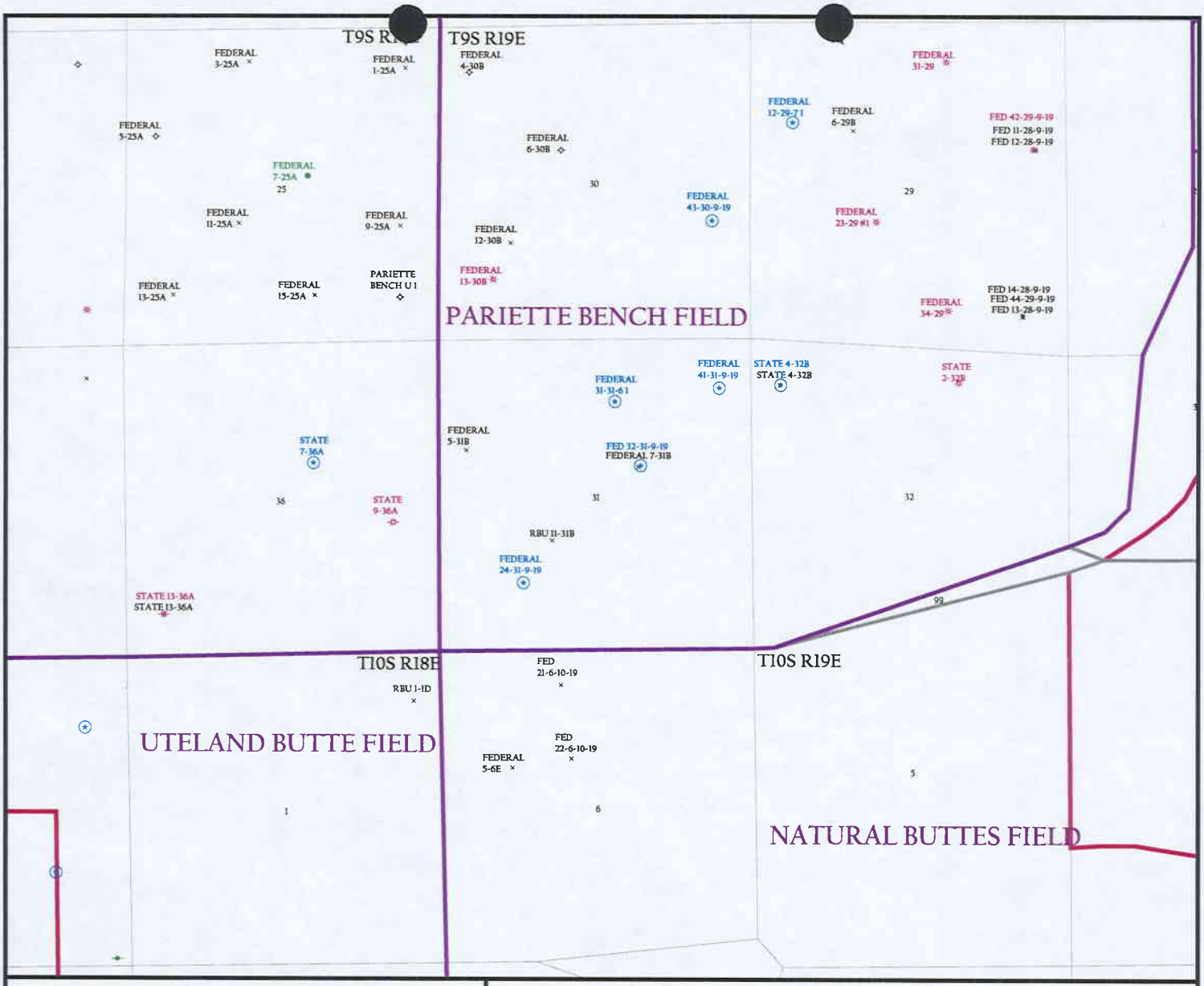
✓ R649-3-3. Exception

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

____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- federal approval
2- Spacing Stip



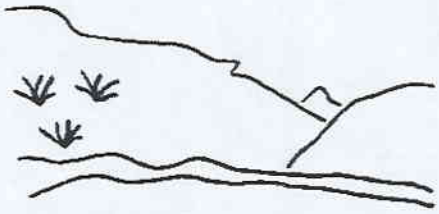

OPERATOR: PANNONIAN ENERGY INC (N1815)

SEC. 31 T.9S, R.19E

FIELD: PARIETTE BENCH (640)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

Well Status

- 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

Unit Status

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

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED


PREPARED BY: DIANA WHITNEY
DATE: 5-APRIL-2004

April 14, 2004

Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114-5801
Attention: Ms. Diana Whitney

**RE: Request for an Exception Location – Federal #24-31-9-19**
**Township 9 South, Range 19 East**
**Section 31: SE/4SW/4**
**Uintah County, Utah**

Ladies/ Gentlemen:

Gasco Energy, Inc. on behalf of itself and its wholly owned subsidiary Gasco Production Company ("Gasco"), successor by name change to Pannonian Energy, Inc., and Brek Petroleum, Inc. ("Brek") hereby request that you approve the location for the captioned well. The well has been staked at 1152' FSL and 1417' FWL for topographic reasons. Gasco and Brek, who each own an undivided interest in the lease being drilled, are the only working interest owners within a 460' radius of the proposed site.

Gasco will be the operator of the well.

Yours very truly,
**Gasco Energy, Inc.**

Mark J. Choury
Land Manager

**Brek Petroleum, Inc.**

Rick Jetts
President

RECEIVED
APR 15 2004
DIV. OF OIL, GAS & MINING

005

State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
*Executive Director*

LOWELL P. BRAXTON
*Division Director*

May 3, 2004

GascoEnergy, Inc./Pannionian Energy, Inc
14 Inverness Drive East, Suite #H236
Englewood, CO 80112

Re: Federal 24-31-9-19 Well, 1152' FSL, 1417' FWL, SE SW, Sec. 31, T. 9 South, R. 19 East, Uintah 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-35623.

Sincerely,

for John R. Baza
Associate Director

pab
Enclosures

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

**Operator:** GascoEnergy, Inc./Pannionian Energy, Inc

**Well Name & Number** Federal 24-31-9-19

**API Number:** 43-047-35623

**Lease:** UTU-019880A

**Location:** SE SW **Sec.** 31 **T.** 9 South **R.** 19 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.

# United States Department of the Interior

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

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

May 18, 2004

Memorandum

To: Vernal Field Office, Moab Field Office

From: Chief, Branch of Minerals Adjudication

Subject: Name Change Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the name change from Pannonian Energy Inc., into Gasco Production Company is effective February 24, 2004.

**/s/ Robert Lopez**

Robert Lopez
Chief Branch of
Minerals Adjudication

Enclosure
1. State of Utah Certificate of Registration

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

RECEIVED
MAY 20 2004
DIV. OF OIL, GAS &

Nordstrom:05/18/2004

# Delaware



*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PANNONIAN ENERGY INC.", CHANGING ITS NAME FROM "PANNONIAN ENERGY INC." TO "GASCO PRODUCTION COMPANY", FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF FEBRUARY, A.D. 2004, AT 12:43 O'CLOCK P.M.

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

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

2899291 8100

040133641

AUTHENTICATION: 2963993

DATE: 03-02-04

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Gasco Production

| api | twsp | rng | sec | well_name | lease_num | stat | la_pa |
|---|---|---|---|---|---|---|---|
| 4304734168 | 090S | 190E | 20 | FED 24-20-9-19 | UTU-75090 | DRL | |
| 4304734169 | 090S | 190E | 20 | FED 44-20-9-19 | UTU-75090 | DRL | |
| 4304734199 | 090S | 190E | 21 | FED 23-21-9-19 | UTU-78433 | P | |
| 4304734608 | 090S | 190E | 21 | FED 11-21-9-19 | UTU-78433 | DRL | |
| 4304735405 | 090S | 190E | 21 | FED 42-21-9-19 | UTU-78433 | APD | |
| 4304735606 | 090S | 190E | 21 | FEDERAL 31-21-9-19 | UTU-78433 | APD | |
| 4304734607 | 090S | 190E | 22 | LYTHAM FED 22-22-9-19 | UTU-78433 | P | |
| 4304735404 | 090S | 190E | 22 | FED 11-22-9-19 | UTU-78433 | DRL | |
| 4304733653 | 090S | 190E | 29 | FEDERAL 31-29 | UTU-76262 | P | |
| 4304733750 | 090S | 190E | 29 | FEDERAL 34-29 | UTU-76034 | P | |
| 4304734111 | 090S | 190E | 29 | FEDERAL 23-29 #1 | UTU-76262 | P | |
| 4304734202 | 090S | 190E | 29 | FED 42-29-9-19 | UTU-76262 | P | |
| 4304735343 | 090S | 190E | 30 | FEDERAL 43-30-9-19 | UTU-37246 | DRL | |
| 4304734201 | 090S | 190E | 31 | FED 32-31-9-19 | UTU-76489 | P | |
| 4304735623 | 090S | 190E | 31 | FEDERAL 24-31-9-19 | UTU-01988OA | APD | |
| 4304735624 | 090S | 190E | 31 | FEDERAL 41-31-9-19 | UTU-019880A | APD | |
| 4304734286 | 100S | 170E | 12 | PETES WASH 23-12 #1 | UTU-77063 | P | |
| 4301332560 | 100S | 170E | 17 | WILKIN RIDGE FED 34-17-10-17 | UTU-043615 | APD | |
| 4304734551 | 100S | 170E | 24 | FED 43-24-3 #1 | UTU-74401 | P | |
| 4304733983 | 100S | 180E | 07 | FEDERAL 24-7 #1 | UTU-68387 | P | |
| 4304734539 | 100S | 180E | 18 | FED 14-18-2 #1 | UTU-74971 | P | |
| 4304735808 | 100S | 180E | 22 | FEDERAL 11-22-10-18 | UTU-018260A | APD | |
| 4304734924 | 100S | 180E | 30 | FED 22-30-10-18 | UTU-74408 | APD | |
| 4304734813 | 100S | 190E | 06 | FED 21-6-10-19 | UTU-76490 | LA | 3/30/2004 |
| 4304731178 | 110S | 200E | 03 | LAFKAS FED 1-3 | U-34350 | S | |
| 4304731818 | 110S | 200E | 05 | WILLOW CREEK UNIT 2 | U-39223 | TA | |
| 4304731026 | 110S | 200E | 10 | HILL FEDERAL 1-10 | U-44089 | TA | |

K

CONFIDENTIAL

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

# Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

| | |
|---|---|
| **Well name:** | Federal 24-31-9-19 |
| **API number:** | 4304735623 |
| **Location:** | Qtr-Qtr: SESW Section: 31 Township: 9S Range: 19E |
| **Company that filed original application:** | Gasco Energy, Inc. /Pannonian Energy, Inc. |
| **Date original permit was issued:** | |
| **Company that permit was issued to:** | |

| Check one | Desired Action: |
|---|---|
| ✔ | **Transfer pending (unapproved) Application for Permit to Drill to new operator** |
| | The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. |
| | **Transfer approved Application for Permit to Drill to new operator** |
| | The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. |

| Following is a checklist of some items related to the application, which should be verified. | Yes | No |
|---|---|---|
| If located on private land, has the ownership changed? | | |
| If so, has the surface agreement been updated? | | |
| Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? | | ✔ |
| Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? | | ✔ |
| Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location? | | ✔ |
| Has the approved source of water for drilling changed? | | ✔ |
| Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? | | ✔ |
| Is bonding still in place, which covers this proposed well? Bond No. ~~4127763~~ UT1233 | ✔ | |

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

OK DW

Name (please print) Mark J. Choury Title Land Manager

Signature Date 04/28/2004

Representing (company name) Gasco Production Company

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

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

FORM 9

# SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: see attached list

2. NAME OF OPERATOR: Gasco Production Company N2575

9. API NUMBER:

3. ADDRESS OF OPERATOR: 114 Inverness Dr. East CITY Englewood STATE co ZIP 80112

PHONE NUMBER: (303) 483-0044

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ☑ NOTICE OF INTENT (Submit in Duplicate) | ☐ ACIDIZE | ☐ DEEPEN | ☐ REPERFORATE CURRENT FORMATION |
| Approximate date work will start: _____ | ☐ ALTER CASING | ☐ FRACTURE TREAT | ☐ SIDETRACK TO REPAIR WELL |
| | ☐ 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: name change |
| | ☐ CONVERT WELL TYPE | ☐ RECOMPLETE - DIFFERENT FORMATION | |

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

Pannonian Energy, Inc. changed its name to Gasco Production Company effective February 24, 2004
N1815

BLM Bond = UT1233
SITLA Bond = 4127764

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

NAME (PLEASE PRINT) Mark J. Choury TITLE Land Manager

SIGNATURE Mark J Choury DATE 4/20/04

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining

# OPERATOR CHANGE WORKSHEET

| ROUTING |
|---|
| 1. GLH |
| 2. CDW |
| 3. FILE |

0 0 7

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/24/2004**

| **FROM:** (Old Operator): | **TO:** ( New Operator): |
|---|---|
| N1815-Pannonian Energy, Inc. | N2575-Gasco Production Company |
| 114 Inverness Dr E | 114 Inverness Dr E |
| Englewood, CO 80112 | Englewood, CO 80112 |
| Phone: 1-(303) 483-0044 | Phone: 1-(303) 483-0044 |

**CA No.** **Unit:**

**WELL(S)**

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS | |
|---|---|---|---|---|---|---|---|---|---|
| GATE CYN 31-21-11-15 | 21 | 110S | 150E | 4301332391 | ✓ 13787 | State | GW | DRL | C |
| GATE CYN 41-20-11-15 | 20 | 110S | 150E | 4301332475 | | State | GW | APD | |
| WILKIN RIDGE STATE 12-32-10-17 | 32 | 100S | 170E | 4301332447 | ✓ 14033 | State | GW | DRL | C |
| STATE 24-16-9-19 | 16 | 090S | 190E | 4304735588 | | State | GW | NEW | C |
| | | | | | | | | | |
| FED 23-21-9-19 | 21 | 090S | 190E | 4304734199 | ✓ 13601 | Federal | GW | P | |
| FED 11-21-9-19 | 21 | 090S | 190E | 4304734608 | | Federal | GW | APD | |
| FED 42-21-9-19 | 21 | 090S | 190E | 4304735405 | | Federal | GW | APD | C |
| FEDERAL 31-21-9-19 | 21 | 090S | 190E | 4304735606 | | Federal | GW | APD | C |
| LYTHAM FED 22-22-9-19 | 22 | 090S | 190E | 4304734607 | ✓ 13640 | Federal | GW | P | |
| FED 11-22-9-19 | 22 | 090S | 190E | 4304735404 | | Federal | GW | APD | C |
| FEDERAL 23-29 #1 | 29 | 090S | 190E | 4304734111 | ✓ 13441 | Federal | GW | P | |
| FED 42-29-9-19 | 29 | 090S | 190E | 4304734202 | ✓ 13455 | Federal | GW | P | |
| FEDERAL 43-30-9-19 | 30 | 090S | 190E | 4304735343 | | Federal | GW | APD | C |
| FED 32-31-9-19 | 31 | 090S | 190E | 4304734201 | ✓ 13641 | Federal | GW | P | |
| FEDERAL 24-31-9-19 | 31 | 090S | 190E | 4304735623 | | Federal | GW | NEW | C |
| FEDERAL 41-31-9-19 | 31 | 090S | 190E | 4304735624 | | Federal | GW | APD | C |
| FEDERAL 21-6-10-19 | 06 | 100S | 190E | 4304734813 | | Federal | GW | LA | C |
| FED 22-30-10-18 | 30 | 100S | 180E | 4304734924 | | Federal | GW | APD | C |
| LAFKAS FED 1-3 | 03 | 110S | 200E | 4304731178 | ✓ 1367 | Federal | GW | S | |
| WILLOW CREEK UNIT 2 | 05 | 110S | 200E | 4304731818 | ✓ 11604 | Federal | GW | TA | |
| HILL FEDERAL 1-10 | 10 | 110S | 200E | 4304731026 | ✓ 1368 | Federal | GW | TA | |
| | | | | | | | | | |

## OPERATOR CHANGES DOCUMENTATION

**Enter date after each listed item is completed**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/22/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/22/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 4/21/2004
4. Is the new operator registered in the State of Utah: YES Business Number: ***
5. If **NO**, the operator was contacted contacted on: *** 4/21/2004

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM in process BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: in process

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database on:** 4/29/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/29/2004
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/22/2004

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

1. State well(s) covered by Bond Number: 4127764

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

1. Federal well(s) covered by Bond Number: 4127759

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

1. Indian well(s) covered by Bond Number: 4127765

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

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

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

This is a corporate name change within the same corporation and it's subsidiaries

| WELL NAME | API # | LOCATION | COUNTY | Status |
|---|---|---|---|---|
| Federal 23-29 #1 | 43-047-34111 | NESW, Sec. 29, T9S, R19E | Uintah | P |
| Federal 42-29-9-19 | 43-047-34202 | SENE, Sec. 29, T9S, R19E | Uintah | P |
| Lytham Federal 22-22-9-19 | 43-047-34607 | SENW, Sec. 22, T9S, R19E | Uintah | P |
| Federal 32-31-9-19 | 43-047-34201 | SWNE, Sec. 31, T9S, R19E | Uintah | P |
| Alger Pass Unit #1 | 43-047-31824 | SWNE, Sec. 2, T11S, R19E | Uintah | P |
| Gate Canyon State 31-21-11-15 | 43-013-32391 | NWNE, Sec. 21, T11S, R15E | Duchesne | DRL |
| Wilkin Ridge State 12-32-10-17 | 43-013-32447 | SWNW, Sec. 32, T10S, R17E | Duchesne | DRL |
| Willow Creek # 2 | 43-047-31818 | SESW, Sec. 5, T11S, R20E | Uintah | TA |
| Hill Federal #1-10 | 43-047-31026 | NESW, Sec. 10, T11S, R20E | Uintah | TA |
| Federal 23-21-9-19 | 43-047-34199 | NESW, Sec. 21, T9S, R19E | Uintah | P |
| Federal 43-30-9-19 | 43-047-35343 | NESE, Sec. 30, T9S,R19E | Uintah | APD |
| Gate Canyon State 41-20-11-15 | 43-013-32475 | NENE, Sec. 20, T11S,R15E | Duchesne | APD |
| Federal 11-21-9-19 | 43-047-34608 | NWNW, Sec. 21, T9S,R19E | Uintah | APD |
| Federal 11-22-9-19 | 43-047-35404 | NWNW, Sec. 22, T9S,R19E | Uintah | APD |
| Federal 22-30-10-18 | 43-047-34924 | SENW, Sec. 30, T10S,R18E | Uintah | APD |
| State 24-16-9-19 | 43-047-35588 | SESW, Sec. 16, T9S, R19E | Uintah | NEW |
| Lafkas Federal 1-3 | 43-0473-31178 | SWSW, Sec. 3, T11S, R20E | Uintah | S |
| Federal 21-6-9-19 | 43-047-34813 | NENW, Sec. 6,T9S,R19E | Uintah | APD |
| Federal 42-21-9-19 | 43-047-35405 | SENE, Sec. 21, T9S, R19E | Uintah | APD |
| Federal 31-21-9-19 | 43-047-35606 | NWNE, Sec. 21, T9S, R19E | Uintah | APD |
| Federal 41-31-9-19 | 43-047-35624 | NENE, Sec. 31, T9S, R19E | Uintah | APD |
| Federal 24-31-9-19 | 43-047-35623 | SESW, Sec. 31, T9S, R19E | Uintah | NEW |
| Wilkin Ridge Federal 34-17-10-17 | 43-013-32560 | SWSE, Sec. 17, T10S,R17E | Duchesne | APD |

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

# 008 APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU- 76489

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

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

8. Lease Name and Well No.: Federal #24-31-9-19

2. Name of Operator: GASCO Energy, Inc./Pannonian Energy, Inc. — 303-483-0044 — 14 Inverness Drive East, Suite #H236, Englewood, CO 80112

9. API Well No.: 43-047-35623

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

10. Field and Pool, or Exploratory: Pariette Bench

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: 1152' FSL and 1417' FWL

At proposed prod. zone: SE SW

RECEIVED
APR - 5 2004
By

11. Sec., T., R., M., or Blk, and Survey or Area: Section 31, T9S-R19E

14. Distance in miles and direction from nearest town or post office*: Approximately 26 miles Southeast of Myton, UT

12. County or Parish: Uintah — 13. State: UT

| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | 16. No. of Acres in lease | 17. Spacing Unit dedicated to this well |
|---|---|---|
| 1152' | 640 | 40 Acres |

| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. | 19. Proposed Depth | 20. BLM/BIA Bond No. on file |
|---|---|---|
| Approx. 2750' | 11,585' | Bond #UT-1233 |

| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) | 22. Approximate date work will start* | 23. Estimated duration |
|---|---|---|
| 4954' GL | September 1, 2004 | 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:

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, 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.

CONFIDENTIAL-TIGHT HOLE

| 25. Signature | Name *(Printed/Typed)* | Date |
|---|---|---|
| Lisa Smith | Lisa L. Smith | 4/1/2004 |

Title: Authorized Agent for GASCO Energy, Inc./Pannonian Energy, Inc.

| Approved by *(Signature)* | Name *(Printed/Typed)* | Date |
|---|---|---|
| Title: Assistant Field Manager, Mineral Resources | Office | 11/04/2004 |

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NOV 22 2004
DIV. OF OIL, GAS & MINING

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.

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)*

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

DOGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: GASCO ENERGY INC.

Well Name & Number: FEDERAL 24-31-9-19

API Number: 43-047-35623

Lease Number: UTU – 76489

Location: SESW Sec. 31 TWN: 09S RNG: 19E

Agreement: N/A

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.

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

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands encountered 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

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

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

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

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water and other valuable resources shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the top of the Green River Formation, identified at ± 1,396 ft. and by having a cement for the production casing at least 200 ft. above the top of the Wasatch Formation, identified at ± 5,065 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

6. Notifications of Operations

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

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

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

7. Other Information

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

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

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 and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

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

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

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

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Gasco Energy, Inc./Pannonian Energy, Inc.

API Number: 43-047-35623

Well Name & Number: 24-31-9-19

Lease Number: U-019880A

Location: SESW, Sec. 31, T. 9S. R. 19 E.

Surface Ownership: BLM

Date NOS Received: 10-27-03

Date APD Received: 4-5-04

**-Topsoil will not be used for the construction of tank dikes or any other location needs. It shall be left in place for use in the final reclamation process.**

**-The reserve pit shall first be lined with felt prior to installing the 12 mil nylon reinforce plastic liner.**

Form 9

009

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

CONFIDENTIAL

| | |
|---|---|
| 6. Lease Designation and Serial Number | UTU-76489 |
| 7. Indian Allottee or Tribe Name | N/A |
| 8. Unit or Communitization Agreement | N/A |
| 9. Well Name and Number | Federal #24-31-9-19 |
| 10. API Well Number | 43-047-35623 |
| 11. Field and Pool, or Wildcat | Pariette Bench |

## SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well
   [ ] Oil Well [X] Gas Well [ ] Other (specify)
2. Name of Operator: **Gasco Production Company**
3. Address of Operator: **14 Inverness Drive East, Suite #H236, Englewood, CO 80112**
4. Telephone Number: **303/483-0044**
5. Location of Well
   Footage : **1152' FSL and 1417' FWL** County : **Uintah**
   QQ, Sec, T., R., M. : **SE SW, Section 31, T9S - R19E** State : **Utah**

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

| NOTICE OF INTENT (Submit in Duplicate) | | SUBSEQUENT REPORT (Submit Original Form Only) | |
|---|---|---|---|
| [ ] Abandonment | [ ] New Construction | [ ] Abandonment * | [ ] New Construction |
| [ ] Casing Repair | [ ] Pull or Alter Casing | [ ] Casing Repair | [ ] Pull or Alter Casing |
| [ ] Change of Plans | [ ] Recompletion | [ ] Change of Plans | [ ] Shoot or Acidize |
| [ ] Conversion to Injection | [ ] Shoot or Acidize | [ ] Conversion to Injection | [ ] Vent or Flare |
| [ ] Fracture Treat | [ ] Vent or Flare | [ ] Fracture Treat | [ ] Water Shut-Off |
| [ ] Multiple Completion | [ ] Water Shut-Off | [ ] Other | |
| [X] Other **Request 1 year extension of APD** | | | |

Approximate Date Work Will Start _____

Date of Work Completion _____

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

* Must be accompanied by a cement verification report.

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

**Gasco Production Company requests a one year extension of the subject APD.**

**Approved by the**
**Utah Division of**
**Oil, Gas and Mining**
**Date:** 01-18-05
**By:**

COPY SENT TO OPERATOR
Date: 1-20-05
Initials: CHD

RECEIVED
JAN 11 2005
DIV. OF OIL, GAS & MINING

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

Name & Signature Venessa Langmacher Title **Consultant for Gasco Production Company** Date **01/03/05**

(State Use Only)

(8/90)

See Instructions on Reverse Side

RECEIVED
JAN 1 3 2005
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill**
**Request for Permit Extension**
**Validation**
(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35623
**Well Name:** Federal 24-31-9-19
**Location:** SE SW 1152' FSL and 1417' FWL, Sec. 31, T9S - R19E
**Company Permit Issued to:** Gasco Production Company
**Date Original Permit Issued:** 5/3/2004

Theundersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If location on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which would require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Venessa Langmacher
Venessa Langmacher - Permitco Inc.

January 11, 2005
Date

Title: Consultant for Gasco Production Company

010

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# DIVISION OF OIL, GAS AND MINING

## *SPUDDING INFORMATION*

Name of Company: **GASCO PRODUCTION COMPANY**

Well Name: **FEDERAL 24-31-9-19**

Api No: **43-047-35623** Lease Type: **FEDERAL**

Section **31** Township **09S** Range **19E** County **UINTAH**

Drilling Contractor **CRAIG'S ROUSTABOUT SERV** RIG # **RATHOLE**

## SPUDDED:

Date **03/29/05**

Time **10:00 AM**

How **DRY**

***Drilling will Commence:***

Reported by **CRAIG OVERMILLER**

Telephone # **1-435-828-7151**

**Date** **03/30/2005** **Signed** **CHD**

4-4-05 Sent via facsimile
TO: Earlene Russell
801-359-3940

011

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

FORM 6

# 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 |
|---|---|---|---|---|---|---|
| 047-35845 | Desert Spring State 41-36-9-18 | NENE | 36 | 9S | 18E | Uintah |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| A | 99999 | 14639 | 3/25/2005 | 4/6/05 |

K

Comments: New Drill BLKHK = MVRD

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**Well 2**

| API Number | Well Name | QQ | Sec | Twp | Rng | County |
|---|---|---|---|---|---|---|
| 047-35623 | Federal 24-31-9-19 | SESW | 24 (31) | 9S | 19E | Uintah |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| A | 99999 | 14640 | 3/29/2005 | 4/6/05 |

K

Comments: New Drill CSLGT = MVRD

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**Well 3**

| API Number | Well Name | QQ | Sec | Twp | Rng | County |
|---|---|---|---|---|---|---|
| | | | | | | |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| | | | | |

Comments:

**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

4/4/2005
Date

(5/2000)

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APR 04 2005
DIV. OF OIL, GAS & MINING

012

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B 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-76489~~ UTU-019880A

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

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other CONFIDENTIAL

8. Well Name and No.
**Federal #24-31-9-19**

2. Name of Operator **Gasco Production Company**

9. API Well No.
**43-047-35623**

3a. Address
**14 Inverness Drive East, Ste. H236, Englewood, CO 80112**

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

10. Field and Pool, or Exploratory Area
**Pariette Bench**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
**1152' FSL X 1417' FWL, SE SW, SECTION 31-T9S-R19E, SLM**

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

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 **Increase Proposed Depth,Revise Casing & Cement Program** |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

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

**1.. Revise proposed depth to 12,479'.**

**2. Production casing program depth revised to 12,479' of 4 1/2", 13.5#/ft P-110 LT&C (New).**

**3. Production casing cement program revised to 366 SX Hi-Lift @ 11.5 PPG, Yield=3.05 cu. ft., followed by 1,614 SX 50-50 POZ @ 14.1 PPG, Yield=1.28 cu. ft.**

**(Verbal approval received from K. Fleetwood, BLM-Vernal Office, 4/5/2005)**

COPY SENT TO OPERATOR
Date: 4-7-05
Initials: CHD

RECEIVED
APR 05 2005
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
**Anthony W. Sharp** Title **Senior Engineer**

Signature Anthony W Sharp Date **04/05/2005**

**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

Accepted by the Utah Division of Oil, Gas and Mining
Date: 4/5/05
By: Dustin Doucet

Federal Approval Of This Action Is Necessary

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.

*(Instructions on page 2)*

013

GASCO Energy

CONFIDENTIAL

RECEIVED
APR 08 2005
DIV. OF OIL, GAS & MINING

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

Attn: Carol Daniels

April 4, 2005

Dear Ms Daniels:

Gasco Production Company will soon be drilling the Federal 24-31-9-19, SESW 31-9S-19E, Uintah County, Utah. The API Number for this well is 43-047-35623.

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.

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

014

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | **Federal 24-31-9-19** | **OPR:** | MIRU Rotary Tools | | **Date:** | 4/9/2005 | **Days:** |
| **Depth:** | 3536' | **Prog:** | **D Hrs:** | **AV ROP:** | **Formation:** | | Uintah |
| **DMC:** | | **TMC:** | | | **TDC:** | $16,275 | **CWC:** $265,068 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | | **SPM:** | | **Size:** | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **Gel:** | | **SPM:** | | **MFG:** | | **Prod Csg:** | $ - | **Rental Tools:** | $ 500 |
| **WL:** | | **GPM :** | | **S/N:** | | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Cake:** | | **Press:** | | **Jets:** | | **Well Head:** | $ - | **Water:** | $ - |
| **Solids:** | | **AV DC:** | | **In:** | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | | **Out:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **PH :** | | **JetVel:** | | **FTG:** | | **Tanks:** | $ - | **Logging:** | $ - |
| **Pf/Mf:** | | **ECD:** | | **Hrs:** | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | | **SPR #1 :** | | **FPH:** | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | | **SPR #2 :** | | **WOB:** | | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| **Dapp ppb:** | | **Btm.Up:** | | **RPM:** | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | | **Daily Total:** | $ - | **Drilling Mud:** | $ - |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 18:00 | 12:00 | Move In Rig Up Nabors Rig # 270 |
| | | | Set Base & Sub |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ | 250 | |
| **Csg. Crew:** | $ | - | |
| **Daily Total:** | $ | 16,275 | |
| **Cum. Wtr:** | $ | 1,760 | |
| **Cum. Fuel** | $ | - | |
| **Cum. Bits:** | $ | - | |

**BHA**

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| **TOTAL BHA =** | | 0.00 |
| **Survey** | | |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U** | | **LITH:** | | | **Bkg Gas:** |
| **S/O** | | **FLARE:** | | | **Conn Gas:** |
| **ROT.** | | **LAST CSG.** | **8 5/8"** | **SET @** **3536'** | **Downtime Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man** **Chuck Emerson** | **Trip Gas** |

015

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

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|---|---|---|---|---|---|---|---|
| **Well:** | **Federal 24-31-9-19** | **OPR:** | MIRU Rotary Tools | | **Date:** | 4/10/2005 | **Days:** |
| **Depth:** | 3536' | **Prog:** | | **D Hrs:** | | **AV ROP:** | **Formation:** Uintah |
| **DMC:** | | **TMC:** | | | **TDC:** | $17,672 | **CWC:** $282,740 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | | **TANGIBLE** | | **INTANGIBLE** | |
| **VIS:** | | **SPM:** | | **Size:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **PV/YP:** | | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **Gel:** | | **SPM:** | | **MFG:** | | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **WL:** | | **GPM :** | | **S/N:** | | **Prod Csg:** | $ - | **Rental Tools:** | $ 500 |
| **Cake:** | | **Press:** | | **Jets:** | | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Solids:** | | **AV DC:** | | **In:** | | **Well Head:** | $ - | **Water:** | $ - |
| **Sand:** | | **AV DP:** | | **Out:** | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **PH :** | | **JetVel:** | | **FTG:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **Pf/Mf:** | | **ECD:** | | **Hrs:** | | **Tanks:** | $ - | **Logging:** | $ - |
| **Chlor:** | | **SPR #1 :** | | **FPH:** | | **Separator:** | $ - | **Cement:** | $ - |
| **Ca :** | | **SPR #2 :** | | **WOB:** | | **Heater:** | $ - | **Bits:** | $ - |
| **Dapp ppb:** | | **Btm.Up:** | | **RPM:** | | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| | | | | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | | **Daily Total:** | $ - | **Drilling Mud:** | $ - |

| **Time Break Down:** | | | |
|---|---|---|---|
| **START** | **END** | **TIME** | |
| 6:00 | 18:00 | 12:00 | Move In Rig Up Nabors Rig # 270 |
| | | | Set Drawworks & Derrick On Floor. Set All Major Rig |
| | | | Components. Will String Blocks Today. |
| | | 24.00 | |

| | | |
|---|---|---|
| **Misc. / Labor:** | $ | 1,647 |
| **Csg. Crew:** | $ | - |
| **Daily Total:** | $ | 17,672 |
| **Cum. Wtr:** | $ | 1,760 |
| **Cum. Fuel** | $ | - |
| **Cum. Bits:** | $ | - |

**BHA**

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| **TOTAL BHA =** | | 0.00 |
| **Survey** | | |
| **Survey** | | |

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|---|---|---|---|---|---|
| **P/U** | | **LITH:** | | | **Bkg Gas:** |
| **S/O** | | **FLARE:** | | | **Conn Gas:** |
| **ROT.** | | **LAST CSG.** | **8 5/8"** | **SET @** **3536'** | **Downtime Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man** **Chuck Emerson** | **Trip Gas** |

016

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | MIRU Rotary Tools | **Date:** | 4/11/2005 | **Days:** | |
| **Depth:** | 3536' | **Prog:** | | **D Hrs:** | **AV ROP:** | **Formation:** | Uintah |
| **DMC:** | | **TMC:** | | **TDC:** | $16,025 | **CWC:** | $298,765 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | | **TANGIBLE** | | **INTANGIBLE** | |
| **VIS:** | | **SPM:** | | **Size:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **PV/YP:** | | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **Gel:** | | **SPM:** | | **MFG:** | | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **WL:** | | **GPM :** | | **S/N:** | | **Prod Csg:** | $ - | **Rental Tools:** | $ 500 |
| **Cake:** | | **Press:** | | **Jets:** | | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Solids:** | | **AV DC:** | | **In:** | | **Well Head:** | $ - | **Water:** | $ - |
| **Sand:** | | **AV DP:** | | **Out:** | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **PH :** | | **JetVel:** | | **FTG:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **Pf/Mf:** | | **ECD:** | | **Hrs:** | | **Tanks:** | $ - | **Logging:** | $ - |
| **Chlor:** | | **SPR #1 :** | | **FPH:** | | **Separator:** | $ - | **Cement:** | $ - |
| **Ca :** | | **SPR #2 :** | | **WOB:** | | **Heater:** | $ - | **Bits:** | $ - |
| **Dapp ppb:** | | **Btm.Up:** | | **RPM:** | | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| | | | | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | | **Daily Total:** | $ - | **Drilling Mud:** | $ - |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 18:00 | 12:00 | Move In Rig Up Nabors Rig # 270 |
| | | | Raise Derrick. Set Remaining Rig Components. |
| | | | Finish Rigging Up Today. |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ - | | |
| **Csg. Crew:** | $ - | | |
| **Daily Total:** | **$ 16,025** | | |
| **Cum. Wtr:** | $ 1,760 | | |
| **Cum. Fuel** | $ - | | |
| **Cum. Bits:** | $ - | | |
| **BHA** | | | |
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| **TOTAL BHA =** | **0.00** | | |
| **Survey** | | | |
| **Survey** | | | |

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|---|---|---|---|---|---|
| **P/U** | | **LITH:** | | | **Bkg Gas:** |
| **S/O** | | **FLARE:** | | | **Conn Gas:** |
| **ROT.** | | **LAST CSG.** | **8 5/8"** | **SET @** **3536'** | **Downtime Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man** **Chuck Emerson** | **Trip Gas** |

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GASCO Energy

# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | MIRU Rotary Tools | **Date:** | 4/12/2005 | **Days:** | |
| **Depth:** | 3536' | **Prog:** | | **D Hrs:** | **AV ROP:** | **Formation:** | Uintah |
| **DMC:** | | **TMC:** | | **TDC:** | $16,600 | **CWC:** | $315,275 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE** | | **INTANGIBLE** | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **MW:** | **#1** 4.5gpm 6.5 X 9 | **Bit #:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | **SPM:** | **Size:** | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | **# 2** 4.1gpm 6.5 X 9 | **Type:** | | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **Gel:** | **SPM:** | **MFG:** | | **Prod Csg:** | $ - | **Rental Tools:** | $ 500 |
| **WL:** | **GPM :** | **S/N:** | | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Cake:** | **Press:** | **Jets:** | | **Well Head:** | $ - | **Water:** | $ - |
| **Solids:** | **AV DC:** | **In:** | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | **AV DP:** | **Out:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **PH :** | **JetVel:** | **FTG:** | | **Tanks:** | $ - | **Logging:** | $ - |
| **Pf/Mf:** | **ECD:** | **Hrs:** | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | **SPR #1 :** | **FPH:** | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | **SPR #2 :** | **WOB:** | | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| **Dapp ppb:** | **Btm.Up:** | **RPM:** | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | **Rot. Hrs:** | | **Daily Total:** | $ - | **Drilling Mud:** | $ - |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 18:00 | 12:00 | Move In Rig Up Nabors Rig # 270 |
| | | | Broke Tour Today. RU Top Drive. |
| | | | Finish Repairing Top Drive Today. NU BOPs & Test. |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ | 575 |
| **Csg. Crew:** | $ | - |
| **Daily Total:** | $ | 16,600 |
| **Cum. Wtr:** | $ | 1,760 |
| **Cum. Fuel** | $ | - |
| **Cum. Bits:** | $ | - |

**BHA**

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| **TOTAL BHA =** | | 0.00 |
| **Survey** | | |
| **Survey** | | |

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|---|---|---|---|---|---|
| **P/U** | **LITH:** | | | | **Bkg Gas:** |
| **S/O** | **FLARE:** | | | | **Conn Gas:** |
| **ROT.** | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Downtime Gas:** |
| **FUEL** **Used:** | **On Hand:** | | **Co.Man** | **Chuck Emerson** | **Trip Gas** |

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GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | PU BHA & DP | | | Date: | 4/14/2005 | Days: | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 3536' | Prog: | | D Hrs: | | AV ROP: | | Formation: | Uintah | | |
| DMC: | $0 | | TMC: | $2,379 | | | TDC: | $25,943 | CWC: | $360,197 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | W | #1 4.5gpm | 6.5 X 9 | Bit #: | | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | A | SPM: | | Size: | | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | T | # 2 4.1gpm | 6.5 X 9 | Type: | | | | Int. Csg: | $ - | Day Rate: | $ 14,700 |
| Gel: | E | SPM: | | MFG: | | | | Prod Csg: | $ - | Rental Tools: | $ 500 |
| WL: | R | GPM : | | S/N: | | | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | | Press: | | Jets: | | | | Well Head: | $ - | Water: | $ - |
| Solids: | | AV DC: | | In: | | | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | | Out: | | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | | JetVel: | | FTG: | | | | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | | ECD: | | Hrs: | | | | Separator: | $ - | Cement: | $ - |
| Chlor: | | SPR #1 : | | FPH: | | | | Heater: | $ - | Bits: | $ - |
| Ca : | | SPR #2 : | | WOB: | | | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | | Btm.Up: | | RPM: | | | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | | | | Daily Total: | $ - | Drilling Mud: | 0 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 15:30 | 9:30 | RU QuickTest: Pressure Test BOP Blind & Pipe Rams, |
| | | | Inside & Outside Valves, Kill Line,Choke Line & Manifold, |
| | | | Inside BOP & Floor Valves ALL To 5000psi (High) & |
| | | | 250psi(Low). Test Annular BOP To 2500psi & Surface |
| | | | Casing To 1500psi. Install Wear Ring. |
| 15:30 | 21:00 | 5:30 | Rig Repair -Top Drive. Modify Flowline Riser |
| 21:00 | 4:30 | 7:30 | RU Rotating Hd. Align & Center Derrick &BOP To Hole |
| 4:30 | 6:00 | 1:30 | Held Safety Meeting & RU T&M Casers. Tally & Start |
| | | | Picking Up BHA #1 |
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| | | 24.00 | |

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|---|---|---|---|
| Misc. / Labor: | $ | 9,918 | |
| Csg. Crew: | $ | - | |
| **Daily Total:** | **$** | **25,943** | |
| Cum. Wtr: | $ | 1,760 | |
| Cum. Fuel | $ | - | |
| Cum. Bits: | $ | - | |

| BHA | | |
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| TOTAL BHA = | | 0.00 |
| Survey | | |
| Survey | | |

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|---|---|---|---|---|---|---|
| P/U | | LITH: | | | | Bkg Gas: |
| S/O | | FLARE: | | | | Conn Gas: |
| ROT. | | LAST CSG. | 8 5/8" | SET @ | 3536' | Downtime Gas: |
| FUEL | Used: 380 | On Hand: | 3804 | Co.Man | Chuck Emerson | Trip Gas |

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GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | | Date: | 4/15/2005 | Days: | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 3565' | Prog: | 29' | D Hrs: | 1.0 | AV ROP: | 29.0 | Formation: | Uintah | | |
| DMC: | $180 | TMC: | $2,559 | | | TDC: | $35,683 | CWC: | $395,880 | | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | W | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | A | SPM: | 106 | Size: | 7 7/8 | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | T | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | | | Int. Csg: | $ - | Day Rate: | $ 14,700 |
| Gel: | E | SPM: | 106 | MFG: | STC | | | Prod Csg: | $ - | Rental Tools: | $ 975 |
| WL: | R | GPM : | 411 | S/N: | JT9733 | | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | | Press: | 860 | Jets: | 3-14s & 3-18s | | | Well Head: | $ - | Water: | $ 6,182 |
| Solids: | | AV DC: | | In: | 3536' | | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | | Out: | | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | | JetVel: | | FTG: | 29 | | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | | ECD: | | Hrs: | 1 | | | Separator: | $ - | Cement: | $ - |
| Chlor: | | SPR #1 : | | FPH: | 29.0 | | | Heater: | $ - | Bits: | $ 7,500 |
| Ca : | | SPR #2 : | | WOB: | 2-7 | | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | | Btm.Up: | | RPM: | 25/85 | | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 1 | | | Daily Total: | $ - | Drilling Mud: | 180 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 15:00 | 9:00 | PU BHA #1 & 100' of DP & Stand Back DP. |
| 15:00 | 17:30 | 2:30 | PU 2100' DP. RD T&M Casers. |
| 17:30 | 0:30 | 7:00 | Rig Repair - Top Drive & Leaks In Kelly Hose & Lines |
| 0:30 | 1:30 | 1:00 | Test Kelly Valves To 300psi f/ 15min. Held OK. |
| 1:30 | 3:00 | 1:30 | PU DP& RIH To Tag Cement @ 3525' |
| 3:00 | 5:00 | 2:00 | Drilling Cement & Shoe To 3565' |
| 5:00 | 6:00 | 1:00 | Drilling 3525' - 3565' ( 29' @ 29fph ) |
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| | | 24.00 | |

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|---|---|---|---|---|---|---|
| Misc. / Labor: | $ 4,671 | | | | | |
| Csg. Crew: | $ - | | | | | |
| **Daily Total:** | **$ 35,683** | | | | | |
| Cum. Wtr: | $ 7,942 | | | | | |
| Cum. Fuel | $ - | | | | | |
| Cum. Bits: | $ 7,500 | | | | | |
| **BHA # 1** | | | | | | |
| 7 7/8" Bit | 1 | 1.00 | | | | |
| Mud Motor | 1 | 28.88 | | | | |
| 6 1/4" IBS | 1 | 3.72 | | | | |
| Shock Sub | 1 | 10.36 | | | | |
| 6 1/4" DC | 1 | 29.69 | | | | |
| 6 1/2" IBS | 1 | 4.53 | | | | |
| 6 1/4" DC | 20 | 600.56 | | | | |
| | | | | | | |
| **TOTAL BHA =** | | **678.74** | | | | |
| Survey | | | | | | |
| Survey | | | | | | |

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|---|---|---|---|---|---|---|---|
| P/U | 115K | LITH: | | | | Bkg Gas: | |
| S/O | 114K | FLARE: | | | | Conn Gas: | |
| ROT. | 114K | LAST CSG. | 8 5/8" | SET @ | 3536' | Downtime Gas: | |
| FUEL | Used: 928 | On Hand: | 2874 | Co.Man | Chuck Emerson | Trip Gas | |

020

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | | **Date:** | 4/16/2005 | **Days:** 2 |
| **Depth:** | 4919' | **Prog:** 1354' | **D Hrs:** 21.0 | **AV ROP:** 64.5 | **Formation:** | Uintah | |
| **DMC:** | $1,869 | **TMC:** | $2,259 | **TDC:** $201,329 | **CWC:** | $597,209 | |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | W | #1 4.5gpm | 6.5 X 9 | **Bit #:** | 1 | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | A | **SPM:** | 106 | **Size:** | 7 7/8 | **Surf. Csg:** | $ - | **Rig Move:** | $ 161,095 |
| **PV/YP:** | T | # 2 4.1gpm | 6.5 X 9 | **Type:** | MER20390 | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **Gel:** | E | **SPM:** | 106 | **MFG:** | STC | **Prod Csg:** | $ - | **Rental Tools:** | $ 2,700 |
| **WL:** | R | **GPM :** | 411 | **S/N:** | JT9733 | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Cake:** | | **Press:** | 860 | **Jets:** | 3-14s & 3-18s | **Well Head:** | $ - | **Water:** | $ - |
| **Solids:** | 1 | **AV DC:** | 325 | **In:** | 3536' | **TBG/Rods:** | $ - | **Fuel:** | $ 17,084 |
| **Sand:** | | **AV DP:** | 198 | **Out:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **PH :** | 10.5 | **JetVel:** | 562 | **FTG:** | 1383 | **Tanks:** | $ - | **Logging:** | $ 650 |
| **Pf/Mf:** | | **ECD:** | 8.6 | **Hrs:** | 22 | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 800 | **SPR #1 :** | | **FPH:** | 62.9 | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | | **SPR #2 :** | | **WOB:** | 2-10 | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| **Dapp ppb:** | | **Btm.Up:** | 18 | **RPM:** | 25/85 | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 22 | **Daily Total:** | $ - | **Drilling Mud:** | 1,869 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 11:00 | 5:00 | Drilling 3565' - 3745' ( 180' @ 36fph ) |
| 11:00 | 11:30 | 0:30 | Circ & Run WLS: 3deg @ 3736' |
| 11:30 | 16:00 | 4:30 | Drilling 3745' - 4024' ( 279' @ 62fph ) |
| 16:00 | 17:00 | 1:00 | Rig Service - Function Test BOP |
| 17:00 | 18:00 | 1:00 | Drilling 4024' - 4120' ( 96' @ 96fph ) |
| 18:00 | 18:30 | 0:30 | Rig Service |
| 18:30 | 19:00 | 0:30 | Circ & Run WLS: 3.5deg @ 4120' |
| 19:00 | 22:30 | 3:30 | Drilling 4120' - 4404' ( 284' @ 81fph ) |
| 22:30 | 23:00 | 0:30 | Circ & Run WLS: 3.5deg @ 4404' |
| 23:00 | 6:00 | 7:00 | Drilling 4404' - 4919' ( 284' @741fph ) |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ | 2,406 | |
| **Csg. Crew:** | $ | - | |
| **Daily Total:** | $ | 201,329 | |
| **Cum. Wtr:** | $ | 7,942 | |
| **Cum. Fuel** | $ | 17,084 | |
| **Cum. Bits:** | $ | 7,500 | |

**BHA # 1**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 28.88 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **678.74** |
| **Survey** | | |
| **Survey** | | |

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|---|---|---|---|---|---|---|---|
| **P/U** | 155K | **LITH:** | | | | **Bkg Gas:** | |
| **S/O** | 136K | **FLARE:** | | | | **Conn Gas:** | |
| **ROT.** | 125K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Downtime Gas:** | |
| **FUEL** | **Used:** 1077 | **On Hand:** | 9805 | **Co.Man** | **Chuck Emerson** | **Trip Gas** | |

021

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | **Date:** | 4/17/2005 | **Days:** | 3 |
| **Depth:** | 6889' | **Prog:** | 1970' | **D Hrs:** | 22.5 | **AV ROP:** | 87.6 | **Formation:** | Wasatch |
| **DMC:** | $12,910 | **TMC:** | $17,339 | **TDC:** | $31,785 | **CWC:** | $628,994 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | W | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 1 | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | A | **SPM:** | 106 | **Size:** | 7 7/8 | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | T | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MER20390 | **Int. Csg:** | $ - | **Day Rate:** | $ 14,700 |
| **Gel:** | E | **SPM:** | 106 | **MFG:** | STC | **Prod Csg:** | $ - | **Rental Tools:** | $ 2,700 |
| **WL:** | R | **GPM :** | 411 | **S/N:** | JT9733 | **Float Equp:** | $ - | **Trucking:** | $ - |
| **Cake:** | | **Press:** | 1350 | **Jets:** | 3-14s & 3-18s | **Well Head:** | $ - | **Water:** | $ - |
| **Solids:** | 1 | **AV DC:** | 325 | **In:** | 3536' | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 198 | **Out:** | | **Packers:** | $ - | **Mud Logger:** | $ - |
| **PH :** | 10.5 | **JetVel:** | 562 | **FTG:** | 3353' | **Tanks:** | $ - | **Logging:** | $ 650 |
| **Pf/Mf:** | | **ECD:** | 8.6 | **Hrs:** | 44.5 | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 9000 | **SPR #1 :** | | **FPH:** | #VALUE! | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 140 | **SPR #2 :** | | **WOB:** | 2-10 | **Pumping L/T:** | $ - | **Mud Motors:** | $ - |
| **Dapp ppb:** | 6.5 | **Btm.Up:** | 18 | **RPM:** | 25/85 | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 44 1/2 | **Daily Total:** | $ - | **Drilling Mud:** | 12,910 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 7:00 | 1:00 | Drilling 4919' - 4978' ( 59' @59fph ) |
| 7:00 | 7:30 | 0:30 | Circ & Run WLS: 3.75deg @ 4978' |
| 7:30 | 17:30 | 10:00 | Drilling 4978' - 5938 ( 960' @ 96fph ) |
| 17:30 | 18:00 | 0:30 | Rig Service. BOP Drill |
| 18:00 | 19:30 | 1:30 | Drilling 5938' - 6033' ( 95' @ 63fph ) |
| 19:30 | 20:00 | 0:30 | Rig Service. BOP Drill |
| 20:00 | 6:00 | 10:00 | Drilling 6033' - 6889 ( 856 ' @ 85.6fph ) |
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|---|---|---|---|---|---|---|---|
| **Misc. / Labor:** | $ - | | | | | | |
| **Csg. Crew:** | | | | | | | |
| **Daily Total:** | **$ 31,785** | | | | | | |
| **Cum. Wtr:** | $ 7,942 | | | | | | |
| **Cum. Fuel** | $ 17,084 | | | | | | |
| **Cum. Bits:** | $ 7,500 | | | | | | |

**BHA # 1**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 28.88 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **678.74** |
| **Survey** | | |
| **Survey** | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U** | 165K | **LITH:** | | | | **Bkg Gas:** | 50 |
| **S/O** | 160K | **FLARE:** | | | | **Conn Gas:** | 200 |
| **ROT.** | 162K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | |
| **FUEL** | **Used:** 1336 | **On Hand:** | 8466 | **Co.Man** | **Chuck Emerson** | **Trip Gas** | |

022

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | | Date: | 4/18/2005 | Days: | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 8080' | Prog: | 1191' | D Hrs: | 23.5 | AV ROP: | 50.7 | Formation: | Wasatch | | |
| DMC: | $1,849 | TMC: | $19,188 | | | TDC: | $22,274 | CWC: | $651,268 | | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | W | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | A | SPM: | 106 | Size: | 7 7/8 | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | T | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | | | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | E | SPM: | 106 | MFG: | STC | | | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | R | GPM : | 375 | S/N: | JT9733 | | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | | Press: | 1280 | Jets: | 3-14s & 3-18s | | | Well Head: | $ - | Water: | $ - |
| Solids: | 1 | AV DC: | 325 | In: | 3536' | | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 4544 | | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | | ECD: | 8.6 | Hrs: | 69 | | | Separator: | $ - | Cement: | $ - |
| Chlor: | 8500 | SPR #1 : | 40@150 | FPH: | 65.9 | | | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | | WOB: | 2-10 | | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 6 | Btm.Up: | 18 | RPM: | 25/85 | | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 69 | | | Daily Total: | $ - | Drilling Mud: | 1,849 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 9:00 | 3:00 | Drilling 6889' - 7088' ( 199 ' @ 66.3fph ) |
| 9:00 | 9:30 | 0:30 | Circ & Run WLS: 3deg @ 7088'. Service Rig. |
| 9:30 | 6:00 | 20:30 | Drilling 7088' - 8080' ( 992 ' @ 48.4fph ) |
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| | | 24.00 | |

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|---|---|---|---|
| Misc. / Labor: | $ - | | |
| Csg. Crew: | | | |
| Daily Total: | $ 22,274 | | |
| Cum. Wtr: | $ 7,942 | | |
| Cum. Fuel | $ 17,084 | | |
| Cum. Bits: | $ 7,500 | | |
| BHA # 1 | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 28.88 | |
| 6 1/4" IBS | 1 | 3.72 | |
| Shock Sub | 1 | 10.36 | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| TOTAL BHA = | | 678.74 | |
| Survey | 3 | 6033' | |
| Survey | 3 | 7088' | |

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|---|---|---|---|---|---|---|---|
| P/U WT | 195K | LITH: | 65% Shale- Red/Brown, 35% Sand- Tan | | | Bkg Gas: | 25-100 |
| ROT WT | 191K | FLARE: | N/A | | | Conn Gas: | 100-350 |
| SO WT | 150K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 350 |
| FUEL | Used: 1426 | On Hand: | 7040 | Co.Man | Chuck Emerson | Trip Gas | N/A |

023

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

43-047-35633 T09S R19E S-31

| Well: | Federal 24-31-9-19 | | | OPR: | TRIP f/ BIT #2 | | | Date: | 4/19/2005 | Days: | 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 8671' | Prog: | 591' | D Hrs: | 21.0 | AV ROP: | 28.1 | Formation: | Wasatch | | |
| DMC: | $458 | TMC: | $19,647 | | | TDC: | $21,577 | CWC: | $672,845 | | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | W | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | A | SPM: | 106 | Size: | 7 7/8 | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | T | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | | | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | E | SPM: | 106 | MFG: | STC | | | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | R | GPM : | 375 | S/N: | JT9733 | | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | | Press: | 1350 | Jets: | 3-14s & 3-18s | | | Well Head: | $ - | Water: | $ - |
| Solids: | 1 | AV DC: | 325 | In: | 3536' | | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 8671 | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 5135 | | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | | ECD: | 8.6 | Hrs: | 90 | | | Separator: | $ - | Cement: | $ - |
| Chlor: | 8500 | SPR #1 : | 40@150 | FPH: | 57.1 | | | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | | WOB: | 10-20 | | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 6 | Btm.Up: | 18 | RPM: | 25/85 | | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 90 | | | Daily Total: | $ - | Drilling Mud: | 458 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 19:30 | 13:30 | Drilling 8080' - 8522' ( 442 ' @ 32.7fph ) |
| 19:30 | 21:00 | 1:30 | WLS: 3 deg @ 8522' ( Had To Pull Survey By Hand ) |
| 21:00 | 21:30 | 0:30 | Drilling 8522' - 8543' ( 21 ' @ 42.0fph ) |
| 21:30 | 22:00 | 0:30 | Install Rotating Head Rubber |
| 22:00 | 5:00 | 7:00 | Drilling 8543' - 8671'(1281 ' @ 18.3fph ) |
| 5:00 | 6:00 | 1:00 | Mix & Pump Pill - TOOH |
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|---|---|---|---|
| Misc. / Labor: | $ 694 | | |
| Csg. Crew: | | | |
| Daily Total: | $ 21,577 | | |
| Cum. Wtr: | $ 7,942 | | |
| Cum. Fuel | $ 17,084 | | |
| Cum. Bits: | $ 7,500 | | |
| BHA # 1 | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 28.88 | |
| 6 1/4" IBS | 1 | 3.72 | |
| Shock Sub | 1 | 10.36 | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| TOTAL BHA = | | 678.74 | |
| Survey | 3 | 6033' | |
| Survey | 3 | 7088' | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 205K | LITH: | 65% Shale- Red/Brown, 35% Sand- Tan | | | Bkg Gas: | 200 |
| ROT WT | 202K | FLARE: | N/A | | | Conn Gas: | 200-400 |
| SO WT | 190K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 4500 |
| FUEL | Used: 1401 | On Hand: | 5639 | Co.Man | Chuck Emerson | Trip Gas | N/A |

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GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/20/2005 | Days: | 6 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 9159' | Prog: | 488 | D Hrs: | 9.0 | AV ROP: | 54.2 | Formation: | Mesaverde | |
| DMC: | $6,263 | TMC: | $19,647 | | | TDC: | $29,368 | CWC: | $672,845 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
| MW: | 8.6 | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 34 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 10 | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | HC506Z | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 7 | SPM: | 106 | MFG: | STC | HTC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 27 | GPM : | 375 | S/N: | JT9733 | 7106761 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1350 | Jets: | 3-14s & 3-18s | 3 - 16s | Well Head: | $ - | Water: | $ 2,680 |
| Solids: | 1 | AV DC: | 325 | In: | 3536' | 8671 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 8671 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9.5 | JetVel: | 562 | FTG: | 5135 | 488 | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .5/6.0 | ECD: | 8.8 | Hrs: | 90 | 9 | Separator: | $ - | Cement: | $ - |
| Chlor: | 8800 | SPR #1 : | 40@150 | FPH: | 57.1 | 54.2 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | | WOB: | 10-20 | 10-20 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 6 | Btm.Up: | 18 | RPM: | 25/85 | 35/95 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 90 | 99 | Daily Total: | $ - | Drilling Mud: | $ 6,263 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 11:30 | 5:30 | Trip Out - Pulled Tight (50K# Over) 1st 3 Stands. |
| 11:30 | 12:30 | 1:00 | LD Mud Motor & Bit. Motor Seals May Have Failed. |
| 12:30 | 13:30 | 1:00 | Pull & Inspect Wear Ring & Rig Alignment. All OK. |
| 13:30 | 20:00 | 6:30 | PU BHA # 2 & TIH w/ No Bridges |
| 20:00 | 21:00 | 1:00 | Wash & Ream 152' To Bottom w/ No Fill |
| 21:00 | 6:00 | 9:00 | Driiling 8671' - 9159' ( 488' 54.2fph ) |
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|---|---|---|---|
| Misc. / Labor: | $ - | | |
| Csg. Crew: | $ - | | |
| **Daily Total:** | **$ 29,368** | | |
| Cum. Wtr: | $ 10,622 | | |
| Cum. Fuel | $ 17,084 | | |
| Cum. Bits: | $ 7,500 | | |

| BHA # 2 | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.32 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **679.18** |
| **Survey** | 3 | 6033' |
| **Survey** | 3 | 7088' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 215K | LITH: | 65% Shale- Red/Brown, 35% Sand- Tan | | | Bkg Gas: | 150 |
| ROT WT | 210K | FLARE: | N/A | | | Conn Gas: | 200-400 |
| SO WT | 195K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 7500 |
| FUEL | Used: 1101 | On Hand: | 5639 | Co.Man | Chuck Emerson | Trip Gas | N/A |

025

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/21/2005 | Days: | 7 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 9786' | Prog: | 627 | D Hrs: | 23.5 | AV ROP: | 26.7 | Formation: | Mesaverde | |
| DMC: | $7,980 | TMC: | $33,890 | | | TDC: | $48,768 | CWC: | $750,981 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
| MW: | 9.1 | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 44 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 9/7 | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | HC506Z | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 3/7/10 | SPM: | 106 | MFG: | STC | HTC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 35 | GPM : | 375 | S/N: | JT9733 | 7106761 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1350 | Jets: | 3-14s & 3-18s | 3 - 16s | Well Head: | $ - | Water: | $ 2,680 |
| Solids: | 3 | AV DC: | 325 | In: | 3536' | 8671 | TBG/Rods: | $ - | Fuel: | $ 17,233 |
| Sand: | | AV DP: | 198 | Out: | 8671 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9.5 | JetVel: | 562 | FTG: | 5135 | 640 | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .5/6.02 | ECD: | 8.8 | Hrs: | 90 | 32.5 | Separator: | $ - | Cement: | $ - |
| Chlor: | 8800 | SPR #1 : | 40@180 | FPH: | 57.1 | 34.3 | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | 40@180 | WOB: | 10-20 | 10-20 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 0.5 | Btm.Up: | 49.5 | RPM: | 25/85 | 35/95 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 90 | 122 1/2 | Daily Total: | $ - | Drilling Mud: | $ 7,980 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 17:00 | 11:00 | Driiling 9159' - 9573' ( 414' @ 37.6fph ) |
| 17:00 | 17:30 | 0:30 | Service Rig |
| 17:30 | 6:00 | 12:30 | Driiling 9573' - 9786 ( 213' @ 17fph ) |
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| | | 24.00 | |

| | | | |
|---|---|---|---|
| Misc. / Labor: | $ | 450 | |
| Csg. Crew: | $ | - | |
| **Daily Total:** | **$** | **48,768** | |
| Cum. Wtr: | $ | 10,622 | |
| Cum. Fuel | $ | 34,317 | |
| Cum. Bits: | $ | 7,500 | |

| BHA # 2 | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.32 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| TOTAL BHA = | | 679.18 |
| Survey | 3 | 6033' |
| Survey | 3 | 7088' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 218K | LITH: | 35%Shale- Red/Brown, 65% Sand- Tan | | | Bkg Gas: | 100-400 |
| ROT WT | 21K | FLARE: | N/A | | | Conn Gas: | 2200 |
| SO WT | 205K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 2200 |
| FUEL | Used: 1316 | On Hand: | 10943 | Co.Man | Chuck Emerson | Trip Gas | N/A |

026

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/22/2005 | Days: | 8 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10030' | Prog: | 244 | D Hrs: | 23.5 | AV ROP: | 10.4 | Formation: | Mesaverde | |
| DMC: | $5,223 | TMC: | $39,114 | | | TDC: | $26,243 | CWC: | $777,224 | |

| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
|---|---|---|---|---|---|---|---|---|---|---|
| MW: | 9.1 | #1 4.5gpm | 6.5 X 9 | Bit #: | 1 | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 37 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 12/14 | # 2 4.1gpm | 6.5 X 9 | Type: | MER20390 | HC506Z | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 3/7/10 | SPM: | 106 | MFG: | STC | HTC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 25 | GPM : | 400 | S/N: | JT9733 | 7106761 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1550 | Jets: | 3-14s & 3-18s | 3 - 16s | Well Head: | $ - | Water: | $ - |
| Solids: | 4.5 | AV DC: | 325 | In: | 3536' | 8671 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 8671 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 5135 | 640 | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .5/5.0 | ECD: | 9..4 | Hrs: | 90 | 56 | Separator: | $ - | Cement: | $ - |
| Chlor: | 8800 | SPR #1 : | 40@180 | FPH: | 57.1 | 24.3 | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | 40@200 | WOB: | 10-20 | 10-23 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 6 | Btm.Up: | 46 | RPM: | 25/85 | 45/95 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 90 | 146 | Daily Total: | $ - | Drilling Mud: | $ 5,223 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 12:30 | 6:30 | Driiling 9786' - 9859' ( 73' @ 11.2fph ) |
| 12:30 | 13:00 | 0:30 | Service Rig |
| 13:00 | 6:00 | 17:00 | Driiling 9859' - 10030' ( 171' @ 10.1fph ) |
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|---|---|---|---|
| Misc. / Labor: | $ | 595 | |
| Csg. Crew: | $ | - | |
| **Daily Total:** | **$** | **26,243** | |
| Cum. Wtr: | $ | 10,622 | |
| Cum. Fuel | $ | 34,317 | |
| Cum. Bits: | $ | 7,500 | |

| BHA # 2 | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.32 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **679.18** |
| Survey | 3 | 6033' |
| Survey | 3 | 7088' |

| P/U WT | 235K | LITH: | 35%Shale- Red/Brown, 65% Sand- Tan | Bkg Gas: | 100-400 |
|---|---|---|---|---|---|
| ROT WT | 225K | FLARE: | N/A | Conn Gas: | 2200 |
| SO WT | 215K | LAST CSG. | 8 5/8" SET @ 3536' | Peak Gas: | 2200 |
| FUEL | Used: 1629 | On Hand: | 9314 Co.Man Chuck Emerson | Trip Gas | N/A |

027

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | | **Date:** | 4/23/2005 | **Days:** 9 |
| **Depth:** | 10262' | **Prog:** 232' | **D Hrs:** 23.5 | **AV ROP:** 9.9 | **Formation:** | Mesaverde | |
| **DMC:** | $6,625 | **TMC:** | $45,740 | | **TDC:** | $34,820 | **CWC:** $812,044 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | | |
| **MW:** | 9.3 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 1 | 2 | **Conductor:** | $ - | **Loc,Cost:** | $ | - |
| **VIS:** | 37 | **SPM:** | 106 | **Size:** | 7 7/8 | 7 7/8 | **Surf. Csg:** | $ - | **Rig Move:** | $ | - |
| **PV/YP:** | 11/7 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MER20390 | HC506Z | **Int. Csg:** | $ - | **Day Rate:** | $ | 16,250 |
| **Gel:** | 3/14/19 | **SPM:** | 106 | **MFG:** | STC | HTC | **Prod Csg:** | $ - | **Rental Tools:** | $ | 2,700 |
| **WL:** | 14 | **GPM :** | 400 | **S/N:** | JT9733 | 7106761 | **Float Equp:** | $ - | **Trucking:** | $ | - |
| **Cake:** | 1/32 | **Press:** | 1650 | **Jets:** | 3-14s & 3-18s | 3 - 16s | **Well Head:** | $ - | **Water:** | $ | - |
| **Solids:** | 3 | **AV DC:** | 325 | **In:** | 3536' | 8671 | **TBG/Rods:** | $ - | **Fuel:** | $ | - |
| **Sand:** | | **AV DP:** | 198 | **Out:** | 8671 | | **Packers:** | $ - | **Mud Logger:** | $ | - |
| **PH :** | 9 | **JetVel:** | 562 | **FTG:** | 5135 | 1562 | **Tanks:** | $ - | **Logging:** | $ | 650 |
| **Pf/Mf:** | .4/5 | **ECD:** | 9..4 | **Hrs:** | 90 | 56 | **Separator:** | $ - | **Cement:** | $ | - |
| **Chlor:** | 10000 | **SPR #1 :** | 40@ 200 | **FPH:** | 57.1 | 19.6 | **Heater:** | $ - | **Bits:** | $ | - |
| **Ca :** | 140 | **SPR #2 :** | 40 @200 | **WOB:** | 10-20 | 16-23 | **Pumping L/T:** | $ - | **Mud Motors:** | $ | - |
| **Dapp ppb:** | 4.8 | **Btm.Up:** | 47 | **RPM:** | 25/85 | 50-95 | **Prime Mover:** | $ - | **Corrosion:** | $ | - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | **Consultant:** | $ | 825 |
| | | | | **Rot. Hrs:** | 90 | 169 1/2 | **Daily Total:** | $ - | **Drilling Mud:** | $ | 6,625 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 17:00 | 11:00 | Driiling 10030' - 10146' ( 116' @ 10.6fph ) |
| 17:00 | 17:30 | 0:30 | Service Rig - Function Test BOP - Check Crown-O-Matic |
| 17:30 | 6:00 | 12:30 | Driiling 10146' - 10262' ( 116' @ 9.3fph ) |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ | 7,770 | |
| **Csg. Crew:** | $ | - | |
| **Daily Total:** | **$** | **34,820** | |
| **Cum. Wtr:** | $ | 10,622 | |
| **Cum. Fuel** | $ | 34,317 | |
| **Cum. Bits:** | $ | 7,500 | |

**BHA # 2**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.32 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **679.18** |
| **Survey** | 3 | 6033' |
| **Survey** | 3 | 7088' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 235K | **LITH:** | 90% Sandstone, 10% Carb, Mineral & Shale | | | **Bkg Gas:** | 100 |
| **ROT WT** | 226K | **FLARE:** | N/A | | | **Conn Gas:** | 200-30 |
| **SO WT** | 215K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 450 |
| **FUEL** | **Used:** 1607 | **On Hand:** | 7706 | **Co.Man** | **Chuck Emerson** | **Trip Gas** | N/A |

028

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-39623

CONFIDENTIAL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | **Date:** | 4/24/2005 | **Days:** | 10 |
| **Depth:** | 10484' | **Prog:** | 222' | **D Hrs:** | 23.5 | **AV ROP:** | 9.5 |
| **Formation:** | Mesaverde | | | | | | |
| **DMC:** | $3,707 | **TMC:** | $49,477 | **TDC:** | $24,569 | **CWC:** | $836,613 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | |
| **MW:** | 9.5 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 1 | 2 | **Conductor:** | $ - | | **Loc,Cost:** | $ - |
| **VIS:** | 39 | **SPM:** | 106 | **Size:** | 7 7/8 | 7 7/8 | **Surf. Csg:** | $ - | | **Rig Move:** | $ - |
| **PV/YP:** | 11/11 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MER20390 | HC506Z | **Int. Csg:** | $ - | | **Day Rate:** | $ 16,250 |
| **Gel:** | 6/21/29 | **SPM:** | 106 | **MFG:** | STC | HTC | **Prod Csg:** | $ - | | **Rental Tools:** | $ 2,700 |
| **WL:** | 12.8 | **GPM :** | 400 | **S/N:** | JT9733 | 7106761 | **Float Equp:** | $ - | | **Trucking:** | $ - |
| **Cake:** | 1/32 | **Press:** | 1700 | **Jets:** | 3-14s & 3-18s | 3 - 16s | **Well Head:** | $ - | | **Water:** | $ - |
| **Solids:** | 3 | **AV DC:** | 325 | **In:** | 3536' | 8671 | **TBG/Rods:** | $ - | | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 198 | **Out:** | 8671 | | **Packers:** | $ - | | **Mud Logger:** | $ - |
| **PH :** | 9 | **JetVel:** | 562 | **FTG:** | 5135 | 1562 | **Tanks:** | $ - | | **Logging:** | $ 650 |
| **Pf/Mf:** | .5/5.1 | **ECD:** | 9.8 | **Hrs:** | 90 | 56 | **Separator:** | $ - | | **Cement:** | $ - |
| **Chlor:** | 10000 | **SPR #1 :** | 40 @200 | **FPH:** | 57.1 | 19.6 | **Heater:** | $ - | | **Bits:** | $ - |
| **Ca :** | 140 | **SPR #2 :** | 40 @200 | **WOB:** | 10-20 | 16-23 | **Pumping L/T:** | $ - | | **Mud Motors:** | $ - |
| **Dapp ppb:** | 4.9 | **Btm.Up:** | 48 | **RPM:** | 25/85 | 50-95 | **Prime Mover:** | $ - | | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 90 | 169 1/2 | **Daily Total:** | $ - | | **Drilling Mud:** | $ 3,707 |

| **Time Break Down:** | | | |
|---|---|---|---|
| **START** | **END** | **TIME** | |
| 6:00 | 14:00 | 8:00 | Driiling 10262' - 10338' ( 76' @ 9.5fph ) |
| 14:00 | 14:30 | 0:30 | Service Rig - Function Test BOP - Check Crown-O-Matic |
| 14:30 | 6:00 | 15:30 | Driiling 10338' - 10484' ( 146' @ 9.4fph ) |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | $ | 437 | |
| **Csg. Crew:** | $ | - | |
| **Daily Total:** | **$** | **24,569** | |
| **Cum. Wtr:** | $ | 10,622 | |
| **Cum. Fuel** | $ | 34,317 | |
| **Cum. Bits:** | $ | 7,500 | |

| **BHA # 2** | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.32 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **679.18** |
| **Survey** | 3 | 6033' |
| **Survey** | 3 | 7088' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 245K | **LITH:** | 90% Sandstone, 10% Carb, Mineral & Shale | | | **Bkg Gas:** | 1000 |
| **ROT WT** | 228K | **FLARE:** | N/A | | | **Conn Gas:** | 1500 |
| **SO WT** | 220K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 2500 |
| **FUEL** | **Used:** 1546 | **On Hand:** | 6160 | **Co.Man** | **Chuck Emerson** | **Trip Gas** | N/A |

029

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Tripping | | Date: | 4/25/2005 | Days: | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10543' | Prog: | 59' | D Hrs: | 10.0 | AV ROP: | 5.9 | Formation: | Mesaverde | |
| DMC: | $4,144 | TMC: | $53,592 | | | TDC: | $24,569 | CWC: | $861,182 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
| MW: | 9.9 | #1 4.5gpm | 6.5 X 9 | Bit #: | 2 | 3 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 12/15 | # 2 4.1gpm | 6.5 X 9 | Type: | HC506Z | M70KY | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 7/30/39 | SPM: | 106 | MFG: | HTC | STC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 14.8 | GPM : | 400 | S/N: | 7106761 | JT9939 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1700 | Jets: | 6 - 16s | 7 - 16s | Well Head: | $ - | Water: | $ - |
| Solids: | 8 | AV DC: | 325 | In: | 8671 | 10543 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 10543 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 1872 | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .4/5 | ECD: | 10.3 | Hrs: | 89.5 | | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @220 | FPH: | 20.9 | #DIV/0! | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | 40 @220 | WOB: | 16-23 | 2-10 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 4.9 | Btm.Up: | 48 | RPM: | 50-95 | 30-90 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 203 | | Daily Total: | $ - | Drilling Mud: | $ 4,144 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 12:00 | 6:00 | Driiling 10484' - 10529 ( 45' @ 7.5fph ) |
| 12:00 | 12:30 | 0:30 | Service Rig - Function Test BOP - Check Crown-O-Matic |
| 12:30 | 16:30 | 4:00 | Driiling 10529' - 10543' ( 14' @ 3.5fph ) |
| 16:30 | 18:00 | 1:30 | C&C f/ Trip - Pump Pill - Drop Survey |
| 18:00 | 22:30 | 4:30 | TOOH f/ Bit #3. No Tight Hole. |
| 22:30 | 0:30 | 2:00 | Change Out BHA Check Wear Ring & Hole Alignment |
| 0:30 | 1:30 | 1:00 | TIH w/ BHA |
| 1:30 | 3:00 | 1:30 | Rig Repair - Replace Some Brake Pads |
| 3:00 | 5:00 | 2:00 | TIH |
| 5:00 | 5:30 | 0:30 | Rig Repair - Replace Slip Dies |
| 5:30 | 6:00 | 0:30 | TIH |
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| | | 24.00 | |

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|---|---|---|---|
| Misc. / Labor: | $ - | | |
| Csg. Crew: | $ - | | |
| **Daily Total:** | **$ 24,569** | | |
| Cum. Wtr: | $ 10,622 | | |
| Cum. Fuel | $ 34,317 | | |
| Cum. Bits: | $ 7,500 | | |
| **BHA # 3** | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 27.93 | |
| 6 1/4" IBS | 1 | 3.72 | |
| Shock Sub | 1 | 10.36 | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| **TOTAL BHA =** | | **677.79** | |
| Survey | 3 | 7088' | |
| Survey | 3.25 | 10543' | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 245K | LITH: | 90% Sandstone, 10% Carb, Mineral & Shale | | | Bkg Gas: | 300-500 |
| ROT WT | 228K | FLARE: | N/A | | | Conn Gas: | 3200 |
| SO WT | 220K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 3200 |
| FUEL | Used: 1546 | On Hand: | 6160 | Co.Man | Chuck Emerson | Trip Gas | N/A |

030

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Tripping | | Date: | 4/26/2005 | Days: | 12 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10592' | Prog: | 49' | D Hrs: | 7.0 | AV ROP: | 7.0 | Formation: | Mesaverde | |
| DMC: | $2,172 | TMC: | $55,764 | | | TDC: | $61,404 | CWC: | $922,586 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
| MW: | 10 | #1 4.5gpm | 6.5 X 9 | Bit #: | 3 | 4 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 42 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 14/15 | # 2 4.1gpm | 6.5 X 9 | Type: | M70KY | MGR84 | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 9/32/43 | SPM: | 106 | MFG: | STC | STC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 14.4 | GPM : | 400 | S/N: | JT9939 | JT9890 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1700 | Jets: | 7 - 16s | 8-14s | Well Head: | $ 11,282 | Water: | $ - |
| Solids: | 9 | AV DC: | 325 | In: | 10543 | 10592 | TBG/Rods: | $ - | Fuel: | $ 17,025 |
| Sand: | | AV DP: | 198 | Out: | 10592 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 49 | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .5/5.2 | ECD: | 10.3 | Hrs: | 7 | | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @220 | FPH: | 7.0 | #DIV/0! | Heater: | $ - | Bits: | $ 10,500 |
| Ca : | 140 | SPR #2 : | 40 @220 | WOB: | 2-20 | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 5 | Btm.Up: | 53 | RPM: | 30-90 | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 210 | 210 | Daily Total: | $ 11,282 | Drilling Mud: | $ 2,172 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 6:30 | 0:30 | Rig Service - Adjust Brakes - Fill Pipe |
| 6:30 | 9:00 | 2:30 | TIH w/ No Bridges |
| 9:00 | 10:00 | 1:00 | Wash & Ream 218' To Bottom w/ 1' Soft Fill |
| 10:00 | 17:00 | 7:00 | Drilling 10543' - 10592' ( 49' @ 7fph ) |
| 17:00 | 22:00 | 5:00 | TOOH |
| 22:00 | 0:00 | 2:00 | Check Mud Motor, IBS's, Replace Wear Bushing |
| 0:00 | 1:30 | 1:30 | TIH To Shoe |
| 1:30 | 3:00 | 1:30 | Cut & Slip Drill Line |
| 3:00 | 6:00 | 3:00 | TIH |
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| | | 24.00 | |

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|---|---|---|---|
| Misc. / Labor: | $ - | | |
| Csg. Crew: | $ - | | |
| **Daily Total:** | **$ 61,404** | | |
| Cum. Wtr: | $ 10,622 | | |
| Cum. Fuel | $ 51,342 | | |
| Cum. Bits: | $ 7,500 | | |
| **BHA # 3** | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 27.93 | |
| 6 1/4" IBS | 1 | 3.72 | |
| Shock Sub | 1 | 10.36 | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| **TOTAL BHA =** | | **677.79** | |
| Survey | 3 | 7088' | |
| Survey | 3.25 | 10543' | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 240K | LITH: | 90% Sandstone, 10% Carb, Mineral & Shale | | | Bkg Gas: | 20-50 |
| ROT WT | 230K | FLARE: | N/A | | | Conn Gas: | |
| SO WT | 220K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 50 |
| FUEL | Used: 1546 | On Hand: | 11418 | Co.Man | Chuck Emerson | Trip Gas | 200 |

031

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/27/2005 | Days: | 13 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10686' | Prog: | 94' | D Hrs: | 19.0 | AV ROP: | 4.9 | Formation: | Mesaverde | |
| DMC: | $1,537 | TMC: | $57,302 | | | TDC: | $29,462 | CWC: | $952,048 | |

| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
|---|---|---|---|---|---|---|---|---|---|---|
| MW: | 10 | #1 4.5gpm | 6.5 X 9 | Bit #: | 3 | 4 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 12/15 | # 2 4.1gpm | 6.5 X 9 | Type: | M70KY | MGR84 | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 8/27/36 | SPM: | 106 | MFG: | STC | STC | Prod Csg: | $ - | Rental Tools: | $ 2,700 |
| WL: | 14 | GPM : | 400 | S/N: | JT9939 | JT9890 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1700 | Jets: | 7 - 16s | 8-14s | Well Head: | $ - | Water: | $ - |
| Solids: | 9.5 | AV DC: | 325 | In: | 10543 | 10592 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 10592 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 49 | 94 | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .5/5.2 | ECD: | 10.3 | Hrs: | 7 | 19 | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @220 | FPH: | 7.0 | 4.9 | Heater: | $ - | Bits: | $ 7,500 |
| Ca : | 140 | SPR #2 : | 40 @220 | WOB: | 2-20 | 15-30 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 4.9 | Btm.Up: | 53 | RPM: | 30-90 | 45/90 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 210 | 229 | Daily Total: | $ - | Drilling Mud: | $ 1,537 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 7:00 | 1:00 | Wash & Ream 68' To Bottom w/ No Fill |
| 7:00 | 11:00 | 4:00 | Drilling 10592' - 10605' ( 13' @ 3.3fph ) |
| 11:00 | 15:00 | 4:00 | Rig Repair - Pump Motors |
| 15:00 | 6:00 | 15:00 | Drilling 10605' - 10686' ( 81' @ 5.4fph ) |
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|---|---|---|---|
| Misc. / Labor: | $ - | | |
| Csg. Crew: | $ - | | |
| Daily Total: | $ 29,462 | | |
| Cum. Wtr: | $ 10,622 | | |
| Cum. Fuel | $ 51,342 | | |
| Cum. Bits: | $ 18,000 | | |

| BHA # 3 | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 27.93 |
| 6 1/4" IBS | 1 | 3.72 |
| Shock Sub | 1 | 10.36 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| TOTAL BHA = | | 677.79 |
| Survey | 3 | 7088' |
| Survey | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 235K | LITH: | 55% Sandstone, 45% Shale | | | Bkg Gas: | 130 |
| ROT WT | 230K | FLARE: | N/A | | | Conn Gas: | 130 |
| SO WT | 220K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 150 |
| FUEL | Used: 1660 | On Hand: | 9758 | Co.Man | Chuck Emerson | Trip Gas | |

032

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R17E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/29/2005 | Days: | 15 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10748' | Prog: | 62' | D Hrs: | 11.5 | AV ROP: | 5.4 | Formation: | Mesaverde | |
| DMC: | $4,223 | TMC: | $61,525 | | | TDC: | $34,808 | CWC: | $1,027,584 | |

| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
|---|---|---|---|---|---|---|---|---|---|---|
| MW: | 10.2 | #1 4.5gpm | 6.5 X 9 | Bit #: | 4 | 5 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 43 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 17/13 | # 2 4.1gpm | 6.5 X 9 | Type: | MGR84 | M45H | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 7/2/31 | SPM: | 106 | MFG: | STC | STC | Prod Csg: | $ - | Rental Tools: | $ 4,200 |
| WL: | 12 | GPM : | 400 | S/N: | JT9890 | JT9890 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1800 | Jets: | 8-14s | 2-18s & 1-20 | Well Head: | $ - | Water: | $ - |
| Solids: | 10 | AV DC: | 325 | In: | 10592 | 10592 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 10709 | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 117 | 39 | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .4/5.5 | ECD: | 10.3 | Hrs: | 25 | 5.5 | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @300 | FPH: | 4.7 | 7.1 | Heater: | $ - | Bits: | $ 7,500 |
| Ca : | 12 | SPR #2 : | 40 @300 | WOB: | 15-30 | 25-35 | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | 0.2 | Btm.Up: | 53 | RPM: | 45/90 | 45/90 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 235 | 240 1/2 | Daily Total: | $ - | Drilling Mud: | $ 4,223 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 12:00 | 6:00 | Drilling 10686' - 10709' ( 23' @ 3.8fph ) |
| 12:00 | 13:00 | 1:00 | Mix & Pump Weighted Pill |
| 13:00 | 17:30 | 4:30 | TOOH - No Tight Hole |
| 17:30 | 18:30 | 1:00 | Change Out Bit, MM, & Pull Shock Sub |
| 18:30 | 23:30 | 5:00 | TIH - No Bridges |
| 23:30 | 0:30 | 1:00 | Wash& Ream 90' To Bottom w/ No Fill |
| 0:30 | 6:00 | 5:30 | Drilling 10709' - 10748' ( 39' @ 7.1fph ) |
| | | | |
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|---|---|---|---|
| Misc. / Labor: | $ | 1,160 | |
| Csg. Crew: | $ | - | |
| **Daily Total:** | **$** | **34,808** | |
| Cum. Wtr: | $ | 10,622 | |
| Cum. Fuel | $ | 51,342 | |
| Cum. Bits: | $ | 33,000 | |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 3 | 7088' |
| **Survey** | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 240K | LITH: | 75% Sandstone,25% Shale | | | Bkg Gas: | 220 |
| ROT WT | 230K | FLARE: | N/A | | | Conn Gas: | 800 |
| SO WT | 220K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 280 |
| FUEL | Used: 1426 | On Hand: | 8421 | Co.Man | Chuck Emerson | Trip Gas | 2800 |

033

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | | Date: | 4/29/2005 | Days: | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 10964' | Prog: | 216' | D Hrs: | 23.5 | AV ROP: | 9.2 | Formation: | Mesaverde | | |
| DMC: | $1,472 | TMC: | $62,997 | | | TDC: | $37,097 | CWC: | $1,029,873 | | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | 10 | #1 4.5gpm | 6.5 X 9 | Bit #: | 4 | 5 | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM: | 106 | Size: | 7 7/8 | 7 7/8 | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 13/15 | # 2 4.1gpm | 6.5 X 9 | Type: | MGR84 | MF45H | | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 8/2/31 | SPM: | 106 | MFG: | STC | STC | | Prod Csg: | $ - | Rental Tools: | $ 2,100 |
| WL: | 1 | GPM : | 400 | S/N: | JT9890 | PB5153 | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/32 | Press: | 1800 | Jets: | 8-14s | 2-18s & 1-20 | | Well Head: | $ - | Water: | $ - |
| Solids: | 10 | AV DC: | 325 | In: | 10592 | 10592 | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 198 | Out: | 10709 | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | 9 | JetVel: | 562 | FTG: | 117 | 372 | | Tanks: | $ - | Logging: | $ 650 |
| Pf/Mf: | .4/5.6 | ECD: | 10.3 | Hrs: | 25 | 29 | | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @300 | FPH: | 4.7 | 12.8 | | Heater: | $ - | Bits: | $ 7,500 |
| Ca : | 140 | SPR #2 : | 40 @300 | WOB: | 15-30 | 35-40 | | Pumping L/T: | $ - | Mud Motors: | $ 2,100 |
| Dapp ppb: | 5 | Btm.Up: | 53 | RPM: | 45/90 | 45/90 | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 235 | 264 | | Daily Total: | $ - | Drilling Mud: | $ 1,472 |

| Time Break Down: | | | |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 12:30 | 6:30 | Drilling 10748' - 10803' ( 39' @ 7.1fph ) |
| 12:30 | 13:00 | 0:30 | Rig Service |
| 13:00 | 6:00 | 17:00 | Drilling 10803' - 10964' ( 161' @ 9.5fph ) |
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|---|---|---|---|
| Misc. / Labor: | $ | 6,200 | |
| Csg. Crew: | $ | - | |
| **Daily Total:** | **$** | **37,097** | |
| Cum. Wtr: | $ | 10,622 | |
| Cum. Fuel | $ | 51,342 | |
| Cum. Bits: | $ | 33,000 | |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 3 | 7088' |
| **Survey** | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 246K | LITH: | 75% Sandstone,25% Shale | | | Bkg Gas: | 220 |
| ROT WT | 230K | FLARE: | N/A | | | Conn Gas: | 800 |
| SO WT | 180K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 280 |
| FUEL | Used: 1426 | On Hand: | 8421 | Co.Man | Chuck Emerson | Trip Gas | 2800 |

034

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | Date: | 4/30/2005 | Days: | 16 |
|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 11250' | Prog: | 286 | D Hrs: | 23.0 | AV ROP: | 12.0 | Formation: | Mesaverde | |
| DMC: | $1,333 | TMC: | $64,330 | | | TDC: | $26,058 | CWC: | $1,055,931 | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE | | INTANGIBLE | |
| MW: | 10.1 | #1 4.5gpm | 6.5 X 9 | Bit #: | 4 | 5 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 38 | SPM: | 1 1/2 | Size: | 7 7/8 | 7 7/8 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 11/13 | # 2 4.1gpm | 6.5 X 9 | Type: | MGR84 | MF45H | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 7/24/30 | SPM: | 105 | MFG: | STC | STC | Prod Csg: | $ - | Rental Tools: | $ 2,200 |
| WL: | 15.4 | GPM : | 386 | S/N: | JT9890 | PB5153 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/ | Press: | 1800 | Jets: | 8-14s | 2-18s & 1-20 | Well Head: | $ - | Water: | $ - |
| Solids: | 10 | AV DC: | 340.35 | In: | 10592 | 10709 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 2.6.9 | Out: | 10709 | | Packers: | $ - | Mud Logger: | $ 800 |
| PH : | 9 | JetVel: | 162 | FTG: | 117 | 541 | Tanks: | $ - | Logging: | |
| Pf/Mf: | .4/5.1 | ECD: | 10.42 | Hrs: | 25 | 52 | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 40 @300 | FPH: | 4.7 | 10.0 | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | 40 @300 | WOB: | 15-30 | 35-40 | Pumping L/T: | $ - | Mud Motors: | $ 2,100 |
| Dapp ppb: | 4.9 | Btm.Up: | 52.5 | RPM: | 45/90 | 45/90 | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 235 | 287 | Daily Total: | $ - | Drilling Mud: | $ 1,333 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06;00 | 1700 | 1100 | DRLG F 10964 TO 11090 = 126' @ 11 FPH |
| 1700 | 1730 | 030 | SERVICE RIG |
| 1730 | 0530 | 1200 | DRLG F 11090 TO 11250 =160' @ 13 FPH |
| 0530 | 0600 | 030 | SEREVICE RIG |

| | |
|---|---|
| Misc. / Labor: | $ 2,550 |
| Csg. Crew: | $ - |
| **Daily Total:** | **$ 26,058** |
| Cum. Wtr: | $ 10,622 |
| Cum. Fuel | $ 51,342 |
| Cum. Bits: | $ 33,000 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 3 | 7088' |
| **Survey** | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PU WT | 253 | LITH: | 70% SS & 30 & SH | | | Bkg Gas: | 500TO 700 |
| ROT WT | 232 | FLARE: | N/A | | | Conn Gas: | 1240 U |
| SO WT | 200 | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 500 |
| FUEL | Used: 1202 | On Hand: | 4914 | Co.Man: | Clyde Bairfield | Trip Gas | N/A |

035

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | TRIPPING | | | **Date:** | 5/1/2005 | **Days:** | 17 |
| **Depth:** | 11362' | **Prog:** | 112 | **D Hrs:** | 9.5 | **AV ROP:** | 11.0 | **Formation:** | Mesaverde | | |
| **DMC:** | $3,917 | **TMC:** | $68,248 | | | **TDC:** | $46,489 | **CWC:** | $1,076,362 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.3 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 5 | 6 | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 38 | **SPM:** | 106 | **Size:** | 7 7/8 | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 12/13 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MF 45 H | F59 Y | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 9/30/43 | **SPM:** | 106 | **MFG:** | STC | STS | | **Prod Csg:** | $ - | **Rental Tools:** | $ 2,200 |
| **WL:** | 16.1 | **GPM :** | 400 | **S/N:** | PB5153 | PB5843 | | **Float Equp:** | $ - | **Trucking:** | $ 3,354 |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 2 18S- 1-20 | 20-Feb | | **Well Head:** | $ - | **Water:** | $ 440 |
| **Solids:** | 11.6 | **AV DC:** | 325 | **In:** | 10709 | 11362 | | **TBG/Rods:** | $ - | **Fuel:** | $ 16,603 |
| **Sand:** | | **AV DP:** | 198 | **Out:** | 11362 | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 562 | **FTG:** | 653 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.2 | **ECD:** | 10.3 | **Hrs:** | 61 / 1/2 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 10000 | **SPR #1 :** | 40 @300 | **FPH:** | 10.6 | | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 35 / 40 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.9 | **Btm.Up:** | 53 | **RPM:** | 45 / 90 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | 6 / 6 / 1/4 | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 296 /1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 3,917 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 0900 | 300 | DRLG F 11250 TO 11282= 32' @ 7 FPH |
| 0900 | 0930 | 030 | SERVICE RIG |
| 0930 | 1600 | 6 1/2 | DRLG F 11282 TO11362 = 80' @12 FPH |
| 1600 | 1630 | 030 | MIX PILL & PUMPED SAME |
| 1630 | 2330 | 700 | POOH FOR NEW BIT |
| 2330 | 2400 | 030 | LAY DOWN MM & BIT |
| 2400 | 0100 | 0100 | CHECKED WEAR RING |
| 0100 | 0500 | 400 | PICK UP MM TRIP IN TO3818 |
| 0500 | 0600 | 100 | TRIP IN HOLE |
| | | | |
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| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | | | |
| **Csg. Crew:** | | | $ - |
| **Daily Total:** | | | **$ 46,489** |
| **Cum. Wtr:** | | | $ 11,062 |
| **Cum. Fuel** | | | $ 67,945 |
| **Cum. Bits:** | | | $ 33,000 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 35.56 |
| 6 1/4" IBS | 1 | 3.72 |
| D/S | | 1.80 |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **666.90** |
| **Survey** | 3 | 7088' |
| **Survey** | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 254K | **LITH:** | 90 % 10 %SH | | | **Bkg Gas:** | 500 TO 700 |
| **ROT WT** | 230K | **FLARE:** | N/A | | | **Conn Gas:** | 1870 U |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 280 |
| **FUEL** | **Used:** 1426 | **On Hand:** | 11246 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | 2800 |

036

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | Drilling | | | **Date:** | 5/2/2005 | **Days:** | 18 |
| **Depth:** | 11578' | **Prog:** | 216 | **D Hrs:** | 19.0 | **AV ROP:** | 11.0 | **Formation:** | CASTLEGATE | | |
| **DMC:** | $1,531 | **TMC:** | $69,780 | | | **TDC:** | $23,706 | **CWC:** | $1,100,068 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.3 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 6 | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 38 | **SPM:** | 106 | **Size:** | 7 7/8 | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 12/13 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | F 59 Y | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 10/27/.35 | **SPM:** | 106 | **MFG:** | STC | | | **Prod Csg:** | $ - | **Rental Tools:** | $ 2,200 |
| **WL:** | 18 | **GPM :** | 390 | **S/N:** | PB5153 | | | **Float Equp:** | $ - | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 3-20S | | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 12 | **AV DC:** | 340.35 | **In:** | 11362 | | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 206.9 | **Out:** | | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 141 | **FTG:** | 216 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.3 | **ECD:** | 10.62 | **Hrs:** | 19 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 10000 | **SPR #1 :** | 40 @300 | **FPH:** | 11.0 | | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 120 | **SPR #2 :** | 40 @300 | **WOB:** | 25/40 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.9 | **Btm.Up:** | 54 MIN | **RPM:** | 50/50 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 315 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 1,531 |
| 6:00 | 0730 | 130 | RIO. TO 9856 | | | | | | | **Misc. / Labor:** | |
| 0730 | 800 | 030 | INSTALL ROT/ RUBBER & FILL PIPE | | | | | | | **Csg. Crew:** | $ - |
| 0800 | 0900 | 100 | RIO TO 11099 | | | | | | | **Daily Total:** | **$ 23,706** |
| 0900 | 01000 | 100 | REAM F 11099 TO 11362 NO FILL | | | | | | | **Cum. Wtr:** | $ 11,062 |
| 01000 | 1500 | 500 | DRLG F 11362 TO 11389= 27' @ 5 FPH | | | | | | | **Cum. Fuel** | $ 51,342 |
| 1500 | 1530 | 030 | SERVICE RIG | | | | | | | **Cum. Bits:** | $ 33,000 |
| 1530 | 0530 | 1400 | DRLG F 11389 TO 11578= 189 @ 13 1/2 FPH | | | | | | | **BHA # 4** | |
| 0530 | 0600 | 030 | SERVICE RIG | | | | | | | 7 7/8" Bit | 1 | 1.00 |
| | | | | | | | | | | Mud Motor | 1 | 29.69 |
| | | | | | | | | | | 6 1/4" IBS | 1 | 3.72 |
| | | | | | | | | | | DS | | 1.80 |
| | | | | | | | | | | 6 1/4" DC | 1 | 29.69 |
| | | | | | | | | | | 6 1/2" IBS | 1 | 4.53 |
| | | | | | | | | | | 6 1/4" DC | 20 | 600.56 |
| | | | | | | | | | | | | |
| | | | | | | | | | | **TOTAL BHA =** | | **670.99** |
| | | | | | | | | | | **Survey** | 3 | 7088' |
| | | 24.00 | | | | | | | | **Survey** | 3.25 | 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 250K | **LITH:** | 70 % SS & 30 % SH | | | **Bkg Gas:** | 700 TO 00U |
| **ROT WT** | 236K | **FLARE:** | N/A | | | **Conn Gas:** | 1870 U |
| **SO WT** | 190K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 4000 |
| **FUEL** | **Used:** 1577 | **On Hand:** | 9669 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | 4000 |

037

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | TRIPPING | | | **Date:** | 5/3/2005 | **Days:** | 19 |
| **Depth:** | 11700' | **Prog:** | 122 | **D Hrs:** | 12.0 | **AV ROP:** | 10.0 | **Formation:** | DESERT | | |
| **DMC:** | $4,516 | **TMC:** | $74,341 | | | **TDC:** | $34,141 | **CWC:** | $1,134,209 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.5 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 6 | 7 | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 40 | **SPM:** | 106 | **Size:** | 7 7/8 | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 10/13 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | F 59 Y | dsx199 | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 12/28/37 | **SPM:** | 106 | **MFG:** | STC | hyc | | **Prod Csg:** | $ - | **Rental Tools:** | $ 2,200 |
| **WL:** | 26 | **GPM :** | 400 | **S/N:** | PB5153 | 109090 | | **Float Equp:** | $ - | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 3-20S | 6X16 | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 13 | **AV DC:** | 340.35 | **In:** | 11362 | 11695 | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 206.9 | **Out:** | 11700 | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 141 | **FTG:** | 338 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.6 | **ECD:** | 10.81 | **Hrs:** | 31 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 10.9 | | | **Heater:** | $ - | **Bits:** | $ 7,450 |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 25/40 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.7 | **Btm.Up:** | 53 | **RPM:** | 50/50 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | 7-7-1/8 | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 327 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 4,516 |
| 6:00 | 1800 | 12 | DRLG F 11578 TO 11700= 122' @ 10 FPH | | | | | | | **Misc. / Labor:** | |
| 1800 | 2000 | 0200 | CIRC & MIX PILL & SURVEY @11695 2 DEG | | | | | | | **Csg. Crew:** | $ - |
| 2000 | 0200 | 0600 | POOH FOR NEW BIT | | | | | | | **Daily Total:** | **$ 34,141** |
| 0200 | 0300 | 0100 | LAY DOWN MM PICK UP NEW ONE | | | | | | | **Cum. Wtr:** | $ 11,062 |
| 0300 | 0600 | 0300 | TRIP IN HOLE | | | | | | | **Cum. Fuel** | $ 51,342 |
| | | | | | | | | | | **Cum. Bits:** | $ 40,450 |
| | | | | | | | | | | **BHA # 4** | |
| | | | | | | | | | | 7 7/8" Bit | 1 1.00 |
| | | | | | | | | | | Mud Motor | 1 29.69 |
| | | | | | | | | | | 6 1/4" IBS | 1 3.72 |
| | | | | | | | | | | | |
| | | | | | | | | | | 6 1/4" DC | 1 29.69 |
| | | | | | | | | | | 6 1/2" IBS | 1 4.53 |
| | | | | | | | | | | 6 1/4" DC | 20 600.56 |
| | | | | | | | | | | | |
| | | | | | | | | | | **TOTAL BHA =** | **669.19** |
| | | | | | | | | | | **Survey** | 3 7088' |
| | | 24.00 | | | | | | | | **Survey** | 3.25 10543' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 246K | **LITH:** | 50 % SS & 50 % SH | | | **Bkg Gas:** | 200TO400 |
| **ROT WT** | 230K | **FLARE:** | N/A | | | **Conn Gas:** | 1050 U |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 1050 |
| **FUEL** | **Used:** 1337 | **On Hand:** | 8332 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | 1050 |

038

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | | **Date:** | 5/4/2005 | **Days:** 20 |
| **Depth:** | 11922' | **Prog:** 227 | **D Hrs:** 19.5 | **AV ROP:** 11.5 | **Formation:** | SUNNYSIDE | |
| **DMC:** | $4,048 | **TMC:** | $78,389 | | **TDC:** | $33,948 | **CWC:** $1,168,157 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | | |
| **MW:** | 10.4 | **#1 4.5gpm** 6.5 X 9 | **Bit #:** | 7 | | **Conductor:** | $ | - | **Loc,Cost:** | $ | - |
| **VIS:** | 39 | **SPM:** 106 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ | - | **Rig Move:** | $ | - |
| **PV/YP:** | 11/13 | **# 2 4.1gpm** 6.5 X 9 | **Type:** | DSX199 | | **Int. Csg:** | $ | - | **Day Rate:** | $ | 16,250 |
| **Gel:** | 10/22/.30 | **SPM:** 106 | **MFG:** | HYC | | **Prod Csg:** | $ | - | **Rental Tools:** | $ | 2,200 |
| **WL:** | 19 | **GPM :** 390 | **S/N:** | 109090 | | **Float Equp:** | | | **Trucking:** | | |
| **Cake:** | 1/ | **Press:** 1800 | **Jets:** | 16-Jun | | **Well Head:** | $ | 2,580 | **Water:** | $ | 3,320 |
| **Solids:** | 13 | **AV DC:** 340.35 | **In:** | 11700 | | **TBG/Rods:** | $ | - | **Fuel:** | $ | - |
| **Sand:** | | **AV DP:** 206.9 | **Out:** | | | **Packers:** | $ | - | **Mud Logger:** | $ | 800 |
| **PH :** | 9 | **JetVel:** 110 | **FTG:** | 227 | | **Tanks:** | $ | - | **Logging:** | | |
| **Pf/Mf:** | .4/5.2 | **ECD:** 10.71 | **Hrs:** | 19.5 | | **Separator:** | $ | - | **Cement:** | $ | - |
| **Chlor:** | 10000 | **SPR #1 :** 40 @300 | **FPH:** | 11.5 | | **Heater:** | $ | - | **Bits:** | $ | - |
| **Ca :** | 140 | **SPR #2 :** 40 @300 | **WOB:** | 5/15 | | **Pumping L/T:** | $ | - | **Mud Motors:** | $ | 2,100 |
| **Dapp ppb:** | 4.9 | **Btm.Up:** 55.6min | **RPM:** | 50/50 | | **Prime Mover:** | $ | - | **Corrosion:** | $ | - |
| | | | **T/B/G:** | | | **Misc:** | $ | - | **Consultant:** | $ | 825 |
| | | | **Rot. Hrs:** | 344 | | **Daily Total:** | $ | 2,580 | **Drilling Mud:** | $ | 4,048 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 0730 | 1:30 | TRIP IN HOLE TO 6951 FILL PIPE |
| 0730 | 0930 | 2:00 | TRIP IN HOLE TO 11476 FILL PIPE |
| 0930 | 01030 | 1:00 | REAM TO BOTTOM F 11476 TO 11695 NO FILL |
| 01030 | 0600 | 19:30 | DRLG F 11695 TO 11922 = 227' @ 11.5 FPH |
| | | 24.00 | |

| | | | |
|---|---|---|---|
| **Misc. / Labor:** | $ | 1,825 | |
| **Csg. Crew:** | $ | - | |
| **Daily Total:** | **$** | **33,948** | |
| **Cum. Wtr:** | $ | 14,382 | |
| **Cum. Fuel** | $ | 51,342 | |
| **Cum. Bits:** | $ | 40,450 | |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 2DEG | 11700' |
| **Survey** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **P/U WT** | 252K | | **LITH:** | 70 % SS & 30 % SH | | | **Bkg Gas:** | 200-400 U |
| **ROT WT** | 250K | | **FLARE:** | 15 TO 18' AFTER TRIP | | | **Conn Gas:** | 850 U |
| **SO WT** | 230K | | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 1450 U |
| **FUEL** | **Used:** | 1513 | **On Hand:** | 6819 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | 1450 U |

039

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-3 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | Drilling | | **Date:** | 5/4/2005 | **Days:** 20 |
| **Depth:** | 12052' | **Prog:** 130 | **D Hrs:** 19.5 | **AV ROP:** 6.7 | **Formation:** | KENILWORTH | |
| **DMC:** | $6,425 | **TMC:** | $84,815 | | **TDC:** | $30,771 | **CWC:** $1,198,928 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | | |
| **MW:** | 10.6 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | **Conductor:** | $ - | **Loc,Cost:** | $ | - |
| **VIS:** | 42 | **SPM:** | 106 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ | - |
| **PV/YP:** | 10/21 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | **Int. Csg:** | $ - | **Day Rate:** | $ | 16,250 |
| **Gel:** | 16/36/.54 | **SPM:** | 106 | **MFG:** | HYC | | **Prod Csg:** | $ - | **Rental Tools:** | $ | 4,371 |
| **WL:** | 18 | **GPM :** | 390 | **S/N:** | 109090 | | **Float Equp:** | | **Trucking:** | | |
| **Cake:** | 2/ | **Press:** | 1800 | **Jets:** | 3-20S | | **Well Head:** | $ - | **Water:** | | |
| **Solids:** | 13 | **AV DC:** | 321.86 | **In:** | 11700 | | **TBG/Rods:** | $ - | **Fuel:** | $ | - |
| **Sand:** | | **AV DP:** | 195.66 | **Out:** | | | **Packers:** | $ - | **Mud Logger:** | $ | 800 |
| **PH :** | 9 | **JetVel:** | 104 | **FTG:** | 352 | | **Tanks:** | $ - | **Logging:** | | |
| **Pf/Mf:** | .4/5.6 | **ECD:** | 11.19 | **Hrs:** | 39 | | **Separator:** | $ - | **Cement:** | $ | - |
| **Chlor:** | 10000 | **SPR #1 :** | 40 @300 | **FPH:** | 9.0 | | **Heater:** | $ - | **Bits:** | $ | - |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 5 / 15 | | **Pumping L/T:** | $ - | **Mud Motors:** | $ | 2,100 |
| **Dapp ppb:** | 5.1 | **Btm.Up:** | 59MIN | **RPM:** | 50 / 50 | | **Prime Mover:** | $ - | **Corrosion:** | $ | - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | **Consultant:** | $ | 825 |
| | | | | **Rot. Hrs:** | 363 1/2 | | **Daily Total:** | $ - | **Drilling Mud:** | $ | 6,425 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 01030 | 4:30 | DRLG F 11922 TO 11954 = 32' @ 7 FPH |
| 01030 | 01100 | 0:30 | SERVICE RIG |
| 01100 | 1400 | 3:00 | RIG DOWN TOP DRIVE SWIVEL REPAIRED |
| 1400 | 0500 | 15:00 | DRLG F 11955 TO 12049=94' @6.25 FPH |
| 0500 | 0530 | 0:30 | SERVICE RIG |
| 0530 | 0600 | 0:30 | DRLG F 12049 TO 12052=3' @ 6 FPH |
| | | 24.00 | |

| | | |
|---|---|---|
| **Misc. / Labor:** | | |
| **Csg. Crew:** | $ | - |
| **Daily Total:** | **$** | **30,771** |
| **Cum. Wtr:** | $ | 14,382 |
| **Cum. Fuel** | $ | 51,342 |
| **Cum. Bits:** | $ | 40,450 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 2DEG | 11700' |
| **Survey** | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 261K | **LITH:** | 60 % SS & 40 % SH | | | **Bkg Gas:** | 200to400 u |
| **ROT WT** | 250K | **FLARE:** | 1 TO 4 ' | | | **Conn Gas:** | 425 u |
| **SO WT** | 235K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 425 u |
| **FUEL** | **Used:** 1566 | **On Hand:** | 5253 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

040

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| Well: | Federal 24-31-9-19 | | | OPR: | Drilling | | | Date: | 5/6/2005 | Days: | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth: | 12197' | Prog: | 145 | D Hrs: | 21.5 | AV ROP: | 6.7 | Formation: | ABERDEEN | | |
| DMC: | $3,412 | TMC: | $88,227 | | | TDC: | $25,968 | CWC: | $1,224,896 | | |
| Contractor: | NABORS RIG 270 | | | Mud Co: | M-I DRLG FLUIDS | | | TANGIBLE | | INTANGIBLE | |
| MW: | 10.6 | #1 4.5gpm | 6.5 X 9 | Bit #: | 7 | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 42 | SPM: | 106 | Size: | 7 7/8 | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 10/18 | # 2 4.1gpm | 6.5 X 9 | Type: | DSX199 | | | Int. Csg: | $ - | Day Rate: | $ 16,250 |
| Gel: | 17/38/50 | SPM: | 106 | MFG: | HYC | | | Prod Csg: | $ - | Rental Tools: | $ 2,581 |
| WL: | 16 | GPM : | 390 | S/N: | 109090 | | | Float Equp: | | Trucking: | |
| Cake: | 1/ | Press: | 1800 | Jets: | 3 X 20S | | | Well Head: | $ - | Water: | |
| Solids: | 15 | AV DC: | 321.86 | In: | 11700 | | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 195.66 | Out: | | | | Packers: | $ - | Mud Logger: | $ 800 |
| PH : | 9 | JetVel: | 104 | FTG: | 497 | | | Tanks: | $ - | Logging: | |
| Pf/Mf: | .4/4 | ECD: | 11.22 | Hrs: | 61 | | | Separator: | $ - | Cement: | $ - |
| Chlor: | 8500 | SPR #1 : | 40 @300 | FPH: | 8.0 | | | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40 @300 | WOB: | 5 / 17 | | | Pumping L/T: | $ - | Mud Motors: | $ 2,100 |
| Dapp ppb: | 4.1 | Btm.Up: | 660MIN | RPM: | 60/560 | | | Prime Mover: | $ - | Corrosion: | $ - |
| | | | | T/B/G: | | | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 385 | | | Daily Total: | $ - | Drilling Mud: | $ 3,412 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 1730 | 11:30 | DRLG F 12050 TO 12145= 95' @ 8.25 FPH |
| 1730 | 1800 | 0:30 | SERVICE RIG |
| 1800 | 1900 | 1:00 | RIG DOWN WORK ON TOP DRIVE |
| 1900 | 0500 | 10:00 | DRLG F 12145 TO 12197= 52' @ 5 FPH |
| 0500 | 0600 | 1:00 | RIG DOWN WORKING ON TOP DRIVE |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | 24.00 | |

| | | | |
|---|---|---|---|
| Misc. / Labor: | | | |
| Csg. Crew: | $ - | | |
| **Daily Total:** | **$ 25,968** | | |
| Cum. Wtr: | $ 14,382 | | |
| Cum. Fuel | $ 51,342 | | |
| Cum. Bits: | $ 40,450 | | |
| **BHA # 4** | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 29.69 | |
| 6 1/4" IBS | 1 | 3.72 | |
| | | | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| **TOTAL BHA =** | | **669.19** | |
| Survey | | | |
| Survey | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U WT | 265K | LITH: | 60% SS & 40% SH & COAL | | | Bkg Gas: | 200 TO 400 U |
| ROT WT | 250K | FLARE: | 10 - 15' @ 12183. 500 U. | | | Conn Gas: | 450 |
| SO WT | 235K | LAST CSG. | 8 5/8" | SET @ | 3536' | Peak Gas: | 500 U |
| FUEL | Used: 1766 | On Hand: | 3487 | Co.Man: | Clyde Bairfield | Trip Gas | N/A |

041

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | TOP DRIVE DOWN | | | **Date:** | 5/7/2005 | **Days:** | 23 |
| **Depth:** | 10209' | **Prog:** | 12' | **D Hrs:** | 2.5 | **AV ROP:** | 4.8 | **Formation:** | ABERDEEN | | |
| **DMC:** | $4,538 | **TMC:** | $92,765 | | | **TDC:** | $42,150 | **CWC:** | $1,241,078 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.7 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 41 | **SPM:** | 106 | **Size:** | 7 7/8 | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 12/19 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 14/36/49 | **SPM:** | 106 | **MFG:** | HYC | | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 15.2 | **GPM :** | 390 | **S/N:** | 109090 | | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 6-16 | | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 14 | **AV DC:** | 213.45 | **In:** | 11700 | | | **TBG/Rods:** | $ - | **Fuel:** | $ 16,143 |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | 509 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/4.5 | **ECD:** | 11.06 | **Hrs:** | 63.5 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 9000 | **SPR #1 :** | 40 @300 | **FPH:** | 8.0 | | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 5 / 17 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.7 | **Btm.Up:** | 92MIN | **RPM:** | 60/56 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 387 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 4,538 |
| 0600 | 0830 | 2:30 | DRLG F 12197 TO 12209=12' @ 4.8 FPH | | | | | | | **Misc. / Labor:** | |
| 0830 | 0600 | 21:30 | CIRC) WAITING ON PARTS FOR TOP DRIVE. | | | | | | | **Csg. Crew:** | $ 1,494 |
| | | | MOTOR IS BURNT OUT.UNABLE TO ROTATE. | | | | | | | **Daily Total:** | **$ 42,150** |
| | | | | | | | | | | **Cum. Wtr:** | $ 14,382 |
| | | | | | | | | | | **Cum. Fuel** | $ 67,485 |
| | | | | | | | | | | **Cum. Bits:** | $ 40,450 |

| **BHA # 4** | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

24.00

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 265K | **LITH:** | 60 % SS & 40 % SH & COAL | | | **Bkg Gas:** | 60 TO 100 U |
| **ROT WT** | 250K | **FLARE:** | 1 TO 4' FLAIR | | | **Conn Gas:** | N /A |
| **SO WT** | 230K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N /A |
| **FUEL** | **Used:** 1308 | **On Hand:** | 10086 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

042

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | TOP DRIVE DOWN | | | **Date:** | 5/7/2005 | **Days:** | 23 |
| **Depth:** | 12209' | **Prog:** | 12' | **D Hrs:** | 2.5 | **AV ROP:** | 4.8 | **Formation:** | ABERDEEN | | |
| **DMC:** | $4,538 | **TMC:** | $92,765 | | | **TDC:** | $42,150 | **CWC:** | $1,241,078 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.7 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 41 | **SPM:** | 106 | **Size:** | 7 7/8 | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 12/19 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 14/36/49 | **SPM:** | 106 | **MFG:** | HYC | | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 15.2 | **GPM :** | 390 | **S/N:** | 109090 | | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 6-16 | | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 14 | **AV DC:** | 213.45 | **In:** | 11700 | | | **TBG/Rods:** | $ - | **Fuel:** | $ 16,143 |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | 509 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/4.5 | **ECD:** | 11.06 | **Hrs:** | 63.5 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 9000 | **SPR #1 :** | 40 @300 | **FPH:** | 8.0 | | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 5 / 17 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.7 | **Btm.Up:** | 92MIN | **RPM:** | 60/56 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 387 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 4,538 |
| 0600 | 0830 | 2:30 | DRLG F 12197 TO 12209=12' @ 4.8 FPH | | | | | | | **Misc. / Labor:** | |
| 0830 | 0600 | 21:30 | CIRC) WAITING ON PARTS FOR TOP DRIVE. | | | | | | | **Csg. Crew:** | $ 1,494 |
| | | | MOTOR IS BURNT OUT.UNABLE TO ROTATE. | | | | | | | **Daily Total:** | **$ 42,150** |
| | | | | | | | | | | **Cum. Wtr:** | $ 14,382 |
| | | | | | | | | | | **Cum. Fuel** | $ 67,485 |
| | | | | | | | | | | **Cum. Bits:** | $ 40,450 |

| **BHA # 4** | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

24.00

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 265K | **LITH:** | 60 % SS & 40 % SH & COAL | | | **Bkg Gas:** | 60 TO 100 U |
| **ROT WT** | 250K | **FLARE:** | 1 TO 4' FLAIR | | | **Conn Gas:** | N /A |
| **SO WT** | 230K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N /A |
| **FUEL** | **Used:** 1308 | **On Hand:** | 10086 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

043

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | CANRIG/ BROKE DOWN | | | **Date:** | 5/8/2005 | **Days:** | 24 |
| **Depth:** | 12209' | **Prog:** | 0 | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 | **Formation:** | ABERDEEN | | |
| **DMC:** | $2,924 | **TMC:** | $95,690 | | | **TDC:** | $33,169 | **CWC:** | $1,274,877 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.7 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 44 | **SPM:** | 60 | **Size:** | 7 7/8 | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 13/21 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 16/30/47 | **SPM:** | 60 | **MFG:** | HYC | | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 12.6 | **GPM :** | 221 | **S/N:** | 109090 | | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 600 | **Jets:** | 3-20S | | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 15 | **AV DC:** | 213.45 | **In:** | 11700 | | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | 0 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.5 | **ECD:** | 11.3 | **Hrs:** | 0 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8500 | **SPR #1 :** | 40 @300 | **FPH:** | 0.0 | | | **Heater:** | $ - | **Bits:** | $ 9,500 |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 0 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 5.2 | **Btm.Up:** | 92.MIN | **RPM:** | 0 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 387 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 2,924 |
| 0600 | 0600 | 24:00 | CANRIG/TD BROKE DOWN.CAN NOT ROTATE | | | | | | | **Misc. / Labor:** | $ 770 |
| | | | | | | | | | | **Csg. Crew:** | $ - |
| | | | PARTS TO ARRIVE SUNDAY NIGHT @ 21:OO HRS | | | | | | | **Daily Total:** | **$ 33,169** |
| | | | | | | | | | | **Cum. Wtr:** | $ 14,382 |
| | | | | | | | | | | **Cum. Fuel** | $ 67,485 |
| | | | | | | | | | | **Cum. Bits:** | $ 49,950 |

| **BHA # 4** | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 24.00 | | | | | | | |
| **P/U WT** | | **LITH:** | 75% Sandstone,25% Shale | | | **Bkg Gas:** | N/A |
| **ROT WT** | | **FLARE:** | N/A | | | **Conn Gas:** | N/A |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 843 | **On Hand:** | 9225 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

044

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | RIG UNDER REPAIR | | **Date:** | 5/9/2005 | **Days:** 25 |
| **Depth:** | 12209' | **Prog:** 0 | **D Hrs:** 0.0 | **AV ROP:** 0.0 | **Formation:** | ABERDEEN | |
| **DMC:** | $1,333 | **TMC:** | $97,023 | | **TDC:** | $21,308 | **CWC:** $1,296,185 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | | |
| **MW:** | 10.7 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | **Conductor:** | $ - | **Loc,Cost:** | $ | - |
| **VIS:** | 42 | **SPM:** | 106 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ | - |
| **PV/YP:** | 13/15 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | **Int. Csg:** | $ - | **Day Rate:** | $ | 16,250 |
| **Gel:** | 8/2/31 | **SPM:** | 106 | **MFG:** | HYC | | **Prod Csg:** | $ - | **Rental Tools:** | | |
| **WL:** | 1 | **GPM :** | 221 | **S/N:** | 109090 | | **Float Equp:** | | **Trucking:** | | |
| **Cake:** | 1/32 | **Press:** | 600 | **Jets:** | 3-20S | | **Well Head:** | $ - | **Water:** | | |
| **Solids:** | 10 | **AV DC:** | 325 | **In:** | 11700 | | **TBG/Rods:** | $ - | **Fuel:** | $ | - |
| **Sand:** | | **AV DP:** | 198 | **Out:** | | | **Packers:** | $ - | **Mud Logger:** | $ | 800 |
| **PH :** | 9 | **JetVel:** | 562 | **FTG:** | 0 | | **Tanks:** | $ - | **Logging:** | | |
| **Pf/Mf:** | .4/5.6 | **ECD:** | 11.3 | **Hrs:** | 0 | | **Separator:** | $ - | **Cement:** | $ | - |
| **Chlor:** | 8500 | **SPR #1 :** | 40 @300 | **FPH:** | 0.0 | | **Heater:** | $ - | **Bits:** | | |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 0 | | **Pumping L/T:** | $ - | **Mud Motors:** | $ | 2,100 |
| **Dapp ppb:** | 5 | **Btm.Up:** | 92 MIN | **RPM:** | 0 | | **Prime Mover:** | $ - | **Corrosion:** | $ | - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | **Consultant:** | $ | 825 |
| | | | | **Rot. Hrs:** | 387 1/2 | | **Daily Total:** | $ - | **Drilling Mud:** | $ | 1,333 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 0600 | 24:OO | RIG UNDER REPAIR |
| | | | |
| | | | REPAIR TOP DRIVE & RIGING UP SAME. |
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| | | | |
| | | | |
| | | 24.00 | |

**Misc. / Labor:**

**Csg. Crew:** $ -

**Daily Total:** **$ 21,308**

| | |
|---|---|
| **Cum. Wtr:** | $ 14,382 |
| **Cum. Fuel** | $ 67,485 |
| **Cum. Bits:** | $ 49,950 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | 2DEG | 11700' |
| **Survey** | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 246K | **LITH:** | 60% SS & 40% SHALE | | | **Bkg Gas:** | 120 TO 860 U |
| **ROT WT** | 230K | **FLARE:** | LAST 24 HRS 1 TO 4 ' FLAIR | | | **Conn Gas:** | N/A |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 759 | **On Hand:** | 8466 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

045

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | RIG IS SHUT DOWN | | **Date:** | 5/11/2005 | **Days:** 27 |
| **Depth:** | 12362' | **Prog:** 98 | **D Hrs:** 14.5 | **AV ROP:** 6.8 | **Formation:** | SPRING CANYON | |
| **DMC:** | $2,397 | **TMC:** | $100,001 | | **TDC:** | $28,753 | **CWC:** $1,345,493 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10.7 | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | 7 | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 40 | **SPM:** | 106 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 11/19 | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | DSX199 | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 14/38/.52 | **SPM:** | 106 | **MFG:** | HYC | | **Prod Csg:** | $ - | **Rental Tools:** | $ 5,301 |
| **WL:** | 14 | **GPM :** | 375 | **S/N:** | 109090 | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 6X16 | | **Well Head:** | $ - | **Water:** | $ 1,080 |
| **Solids:** | 14 | **AV DC:** | 213.45 | **In:** | 11700 | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 104 | **FTG:** | 662 | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.1 | **ECD:** | 11.06 | **Hrs:** | 87.5 | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 7.5 | | **Heater:** | $ - | **Bits:** | |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 5 / 17 | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.9 | **Btm.Up:** | 93 min | **RPM:** | 55/60 | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 411 1/2 | | **Daily Total:** | $ - | **Drilling Mud:** | $ 2,397 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 1630 | 10:30 | DRLG F 12264 TO 12337=73' @ 6.95 FPH |
| 1630 | 1700 | 0:30 | SERVICE RIG |
| 1700 | 1900 | 2:00 | ( RIG DOWN ) TORQUE ON TOP DRIVE |
| 1900 | 2300 | 4:00 | DRLG F 12337 TO 12362= 25' @ 6.25 FPH |
| 2300 | 600 | 7:00 | ( RIG DOWN )FILL UP LINE BLEW OUT OF STANDBYPI |
| | | | |
| | | | |
| | | | 2300 HRS. MAN CHANGING HOSE ON FILL UP LINE |
| | | | NIPPLE BLEW OUT OF STANDBUY PIPE WITH |
| | | | 1950 LB OF PRESSURE ON IT. ONE MAN HURT |
| | | | CARE FLIGHT TO SALT LAKE CITY. |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | 24.00 | |

| | | | |
|---|---|---|---|
| **Misc. / Labor:** | | | |
| **Csg. Crew:** | $ - | | |
| **Daily Total:** | **$ 28,753** | | |
| **Cum. Wtr:** | $ 15,462 | | |
| **Cum. Fuel** | $ 67,485 | | |
| **Cum. Bits:** | $ 49,950 | | |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **P/U WT** | 275 K | **LITH:** | 80% SS & 20% SHALE& COAL | | | | **Bkg Gas:** | 120-640 u |
| **ROT WT** | 255 K | **FLARE:** | N/A | | | | **Conn Gas:** | 290 U |
| **SO WT** | 235 K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | | **Peak Gas:** | 640 U |
| **FUEL** | **Used:** 1540 | **On Hand:** | 5855 | **Co.Man:** | **Clyde Bairfield** | | **Trip Gas** | N/A |

046

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | TOP DRIVE DOWN | **Date:** | 5/12/2005 | **Days:** | 28 |
| **Depth:** | 12362' | **Prog:** | 0 | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 |
| **Formation:** | ABERDEEN | | | | | | |
| **DMC:** | $1,124 | **TMC:** | $101,125 | **TDC:** | $22,671 | **CWC:** | $1,368,164 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | |
| **MW:** | 11.7 | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | 7 | 8 | **Conductor:** | $ | - | **Loc,Cost:** | $ - |
| **VIS:** | 46 | **SPM:** | 106 | **Size:** | 7 7/8 | 7 7/9 | **Surf. Csg:** | $ | - | **Rig Move:** | $ - |
| **PV/YP:** | 12/24 | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | DSX199 | MF45H | **Int. Csg:** | $ | - | **Day Rate:** | $ 16,250 |
| **Gel:** | 18/36/.50 | **SPM:** | 106 | **MFG:** | HYC | STC | **Prod Csg:** | $ | - | **Rental Tools:** | |
| **WL:** | 12 | **GPM :** | 375 | **S/N:** | 109090 | PB3747 | **Float Equp:** | | | **Trucking:** | $ 878 |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 6X16 | 3X20 | **Well Head:** | $ | - | **Water:** | |
| **Solids:** | 16 | **AV DC:** | 213.45 | **In:** | 11700 | 12362 | **TBG/Rods:** | $ | - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | 12362 | | **Packers:** | $ | - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | 662 | | **Tanks:** | $ | - | **Logging:** | |
| **Pf/Mf:** | .5/5.1 | **ECD:** | 11.57 | **Hrs:** | 87.5 | | **Separator:** | $ | - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 7.5 | | **Heater:** | $ | - | **Bits:** | |
| **Ca :** | 120 | **SPR #2 :** | 40 @300 | **WOB:** | 5/17 | | **Pumping L/T:** | $ | - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.8 | **Btm.Up:** | 93 MIN | **RPM:** | 55/60 | | **Prime Mover:** | $ | - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | 6/6/I | | **Misc:** | $ | - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 411 1/2 | | **Daily Total:** | $ | - | **Drilling Mud:** | $ 1,124 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 0630 | 0:30 | SAFETY MEETING |
| 0630 | 0730 | 1:00 | RIG REPAIR STANDBY PIPE |
| 0730 | 0930 | 2:00 | MIX PILL &PUMP SAME& SURVEY @12362=4 DEG |
| 0930 | 1330 | 4:00 | POOH FOR NEW BII |
| 1330 | 1500 | 1:30 | O.S.H.A. SHUT RIG DOWN. SAFETY MEETING |
| 1500 | 1800 | 3:00 | POOH FOR NEW BII |
| 1800 | 1930 | 1:30 | LAY DOWN MM & PICK UP NEW ONE |
| 1930 | 2100 | 1:30 | T. I. H TO 702 |
| 2100 | 0600 | 9:00 | TOP DRIVE DOWN. RIG REPAIR |
| | | | |
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| | | 24.00 | |

| | | | |
|---|---|---|---|
| **Misc. / Labor:** | $ 694 | | |
| **Csg. Crew:** | $ - | | |
| **Daily Total:** | **$ 22,671** | | |
| **Cum. Wtr:** | $ 14,382 | | |
| **Cum. Fuel** | $ 67,485 | | |
| **Cum. Bits:** | $ 49,950 | | |
| **BHA # 4** | | | |
| 7 7/8" Bit | 1 | 1.00 | |
| Mud Motor | 1 | 29.69 | |
| 6 1/4" IBS | 1 | 3.72 | |
| | | | |
| 6 1/4" DC | 1 | 29.69 | |
| 6 1/2" IBS | 1 | 4.53 | |
| 6 1/4" DC | 20 | 600.56 | |
| | | | |
| **TOTAL BHA =** | | **669.19** | |
| **Survey** | 4 | 12326' | |
| **Survey** | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **P/U WT** | 246K | **LITH:** | 75% Sandstone,25% Shale | | | | | **Bkg Gas:** | 220 |
| **ROT WT** | 230K | **FLARE:** | N/A | | | | | **Conn Gas:** | N/A |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | | | **Peak Gas:** | 280 |
| **FUEL** | **Used:** 983 | **On Hand:** | 4872 | **Co.Man:** | **Clyde Bairfield** | | | **Trip Gas** | N/A |

047

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | TOP DRIVE DOWN | **Date:** | 5/13/2005 | **Days:** | 29 |
| **Depth:** | 12362' | **Prog:** | 0 | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 |
| **Formation:** | SRRING CANYON | | | | | | |
| **DMC:** | $90 | **TMC:** | $101,215 | **TDC:** | $30,119 | **CWC:** | $1,398,283 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | |
| **MW:** | 11.1 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 7 | | **Conductor:** | $ - | | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM:** | 103 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | | **Rig Move:** | $ - |
| **PV/YP:** | 12/24 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | DSX199 | | **Int. Csg:** | $ - | | **Day Rate:** | $ 16,250 |
| **Gel:** | 18/36/.50 | **SPM:** | 103 | **MFG:** | HYC | | **Prod Csg:** | $ - | | **Rental Tools:** | $ 1,384 |
| **WL:** | 12 | **GPM :** | 375 | **S/N:** | 109090 | | **Float Equp:** | | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1950 | **Jets:** | 3x20 | | **Well Head:** | $ - | | **Water:** | |
| **Solids:** | 16 | **AV DC:** | 213.45 | **In:** | 11700 | | **TBG/Rods:** | $ - | | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | **Packers:** | $ - | | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | | | **Tanks:** | $ - | | **Logging:** | |
| **Pf/Mf:** | .4/5.6 | **ECD:** | 11.57 | **Hrs:** | | | **Separator:** | $ - | | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | | | **Heater:** | $ - | | **Bits:** | $ 8,670 |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | | | **Pumping L/T:** | $ - | | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.8 | **Btm.Up:** | 93 min | **RPM:** | | | **Prime Mover:** | $ - | | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 411 1/2 | | **Daily Total:** | $ - | | **Drilling Mud:** | $ 90 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 0600 | 24:00 | TOP DRIVE DOWN |
| | | | |
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| | | 24.00 | |

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|---|---|
| **Misc. / Labor:** | |
| **Csg. Crew:** | $ - |
| **Daily Total:** | **$ 30,119** |
| **Cum. Wtr:** | $ 14,382 |
| **Cum. Fuel** | $ 67,485 |
| **Cum. Bits:** | $ 54,637 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 246K | **LITH:** | 75% Sandstone,25% Shale | | | **Bkg Gas:** | N/A |
| **ROT WT** | 230K | **FLARE:** | N/A | | | **Conn Gas:** | N/A |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 864 | **On Hand:** | 4008 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

048

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | TOP DRIVE DOWN | | | **Date:** | 5/14/2005 **Days:** 30 |
| **Depth:** | 12368' **Prog:** 15 | **D Hrs:** | 2.5 | **AV ROP:** | 6.0 | **Formation:** | SPRING CANYON |
| **DMC:** | $90 | **TMC:** | $101,305 | **TDC:** | $28,884 | **CWC:** | $1,427,167 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | | **INTANGIBLE** | |
| **MW:** | 11.2 | **#1** 4.5gpm | 6.5 X 9 | **Bit #:** | 8 | | **Conductor:** | $ - | | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM:** | 103 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | | **Rig Move:** | $ - |
| **PV/YP:** | 12/24 | **# 2** 4.1gpm | 6.5 X 9 | **Type:** | MF45H | | **Int. Csg:** | $ - | | **Day Rate:** | $ 16,250 |
| **Gel:** | 18/36/.50 | **SPM:** | 103 | **MFG:** | STC | | **Prod Csg:** | $ - | | **Rental Tools:** | |
| **WL:** | 12 | **GPM :** | 375 | **S/N:** | PB3747 | | **Float Equp:** | | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 3X20 | | **Well Head:** | $ - | | **Water:** | |
| **Solids:** | 16 | **AV DC:** | 213.45 | **In:** | 12368 | | **TBG/Rods:** | $ - | | **Fuel:** | $ 8,819 |
| **Sand:** | | **AV DP:** | 129.76 | **Out:** | | | **Packers:** | $ - | | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 69 | **FTG:** | 15 | | **Tanks:** | $ - | | **Logging:** | |
| **Pf/Mf:** | .5/5.1 | **ECD:** | 11.67 | **Hrs:** | 2.5 | | **Separator:** | $ - | | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 6.0 | | **Heater:** | $ - | | **Bits:** | |
| **Ca :** | 120 | **SPR #2 :** | 40 @300 | **WOB:** | 10/20 | | **Pumping L/T:** | $ - | | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.8 | **Btm.Up:** | 93 min | **RPM:** | 50/60 | | **Prime Mover:** | $ - | | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 414 | | **Daily Total:** | $ - | | **Drilling Mud:** | $ 90 |

| **Time Break Down:** | | | |
|---|---|---|---|
| **START** | **END** | **TIME** | |
| 0600 | 1930 | 13:30 | WORKING ON TOP DRIVE |
| 1930 | 2330 | 4:OO | TRIP IN HOLE FILL PIPE @ 6025-9022-12151 |
| 2330 | 0030 | 1:00 | WASH & REAM F/ 12151 TO 12368 NO FILL |
| 0030 | 0300 | 2:30 | DRLG F/12368 TO 12383=15' @ 6 FPH |
| 0300 | 0600 | 3:00 | TOP DRIVE DOWN |
| | | | |
| | | | 6' CORRECTION IN BIT DEPTH S . L . M. |
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| | | | |
| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | | | |
| **Csg. Crew:** | | | $ - |
| **Daily Total:** | | | **$ 28,884** |
| **Cum. Wtr:** | | | $ 14,382 |
| **Cum. Fuel** | | | $ 76,304 |
| **Cum. Bits:** | | | $ 67,485 |
| **BHA # 4** | | | |
| 7 7/8" Bit | 1 | | 1.00 |
| Mud Motor | 1 | | 29.69 |
| 6 1/4" IBS | 1 | | 3.72 |
| | | | |
| 6 1/4" DC | 1 | | 29.69 |
| 6 1/2" IBS | 1 | | 4.53 |
| 6 1/4" DC | 20 | | 600.56 |
| | | | |
| **TOTAL BHA =** | | | **669.19** |
| **Survey** | | | |
| **Survey** | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 278K | **LITH:** | 80% SS & 20 %SHALE & COAL | | | **Bkg Gas:** | 930 U |
| **ROT WT** | 255K | **FLARE:** | 25 TO 35' | | | **Conn Gas:** | N/A |
| **SO WT** | 180K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | 1659 |
| **FUEL** | **Used:** 980 | **On Hand:** | 7485 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | 1659 |

049

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-049-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | LOGGING | | | **Date:** | 5/15/2005 | **Days:** | 31 |
| **Depth:** | 12509' | **Prog:** | 126 | **D Hrs:** | 13.0 | **AV ROP:** | 9.5 | **Formation:** | SPRING CANYON | | |
| **DMC:** | $2,703 | **TMC:** | | $104,008 | | **TDC:** | $22,678 | **CWC:** | $1,449,845 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 11.1 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 8 | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM:** | 103 | **Size:** | 7 7/8 | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 13/12 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MF45H | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 18/.37/.52 | **SPM:** | 103 | **MFG:** | STC | | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 14 | **GPM :** | 375 | **S/N:** | PB3747 | | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 2/ | **Press:** | 1800 | **Jets:** | 3X20 | | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 12 | **AV DC:** | 321.86 | **In:** | 12368 | | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 195.66 | **Out:** | 12509 | | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 134 | **FTG:** | 141 | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.2 | **ECD:** | 11.21 | **Hrs:** | 15.5 | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 9.0 | | | **Heater:** | $ - | **Bits:** | |
| **Ca :** | 120 | **SPR #2 :** | 40 @300 | **WOB:** | 10/38 | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 5 | **Btm.Up:** | 93MIN | **RPM:** | 50/60 | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| **Time Break Down:** | | | | **T/B/G:** | 3/3/I | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| **START** | **END** | **TIME** | | **Rot. Hrs:** | 424 1/2 | | | **Daily Total:** | $ - | **Drilling Mud:** | $ 2,703 |
| 0600 | 1900 | 13:00 | DRLG F 12383 TO 12509= 126@ 9.5 FPH | | | | | | | **Misc. / Labor:** | |
| 1900 | 2030 | 1:30 | CIRC & COND MUD FOR LOGS | | | | | | | **Csg. Crew:** | $ - |
| 2030 | 2130 | 1:00 | SHORT TRIP 20 STANDS | | | | | | | **Daily Total:** | **$ 22,678** |
| 2130 | 2230 | 1:00 | TRIP IN HOLE | | | | | | | **Cum. Wtr:** | $ 14,382 |
| 2230 | 2400 | 1:30 | CIRC & COND MUD FOR LOGS | | | | | | | **Cum. Fuel** | $ 76,304 |
| 2400 | 0600 | 6:00 | POOH FOR LOG | | | | | | | **Cum. Bits:** | $ 67,485 |

| **BHA # 4** | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

TD @ 1900 HRS @ 12509

24.00

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | 265K | **LITH:** | 75% Sandstone,25% Shale | | | **Bkg Gas:** | N/A |
| **ROT WT** | 256K | **FLARE:** | N/A | | | **Conn Gas:** | N/A |
| **SO WT** | 250K | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 1193 | **On Hand:** | 6291 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

050

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S-31 43-047-35623 16 32

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | BUILDING VOLUME | **Date:** | 5/15/2005 | **Days:** | ~~31~~ |
| **Depth:** | 12509' | **Prog:** | TD | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 |
| **Formation:** | SPRING CANYON | | | | | | |
| **DMC:** | $2,660 | **TMC:** | $106,669 | **TDC:** | $66,520 | **CWC:** | $1,516,365 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 11.1 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 8 | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM:** | 103 | **Size:** | 7 7/8 | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 15/16 | **# 2 4.1gpm** | 6.5x9 | **Type:** | MF45H | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 12/30/48 | **SPM:** | 103 | **MFG:** | STC | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 14.8 | **GPM :** | 375 | **S/N:** | PB3747 | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 3X20 | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 14 | **AV DC:** | 321.86 | **In:** | 12368 | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 195.66 | **Out:** | 12509 | | **Packers:** | $ - | **Mud Logger:** | $ 800 |
| **PH :** | 9 | **JetVel:** | 134 | **FTG:** | 141 | | **Tanks:** | $ - | **Logging:** | $ 43,885 |
| **Pf/Mf:** | .4/5 | **ECD:** | 11.47 | **Hrs:** | 15.5 | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 9.0 | | **Heater:** | $ - | **Bits:** | |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 10/38 | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 4.8 | **Btm.Up:** | 62.6 | **RPM:** | 50/60 | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 424 1/2 | | **Daily Total:** | $ - | **Drilling Mud:** | $ 2,660 |

**Time Breakdown:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 1630 | 10:30 | LOGGING |
| 1630 | 2300 | 6:30 | RIH TO 4000 FILL PIPE. & 8000 FILL PIPE & 11573 |
| | | | FILL PIPE. LOST CIRC. |
| 2300 | 0200 | 3:00 | CIRC & BUILD VOLUME |
| 0200 | 0230 | 0:30 | RIH TO 12509 |
| 2030 | 0600 | 3:30 | CIRC & BUILD VOLUME |
| | | | |
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| | | | |
| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | | | |
| **Csg. Crew:** | $ - | | |
| **Daily Total:** | **$ 66,520** | | |
| **Cum. Wtr:** | $ 14,382 | | |
| **Cum. Fuel** | $ 76,304 | | |
| **Cum. Bits:** | $ 67,485 | | |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | 1.00 |
| Mud Motor | 1 | 29.69 |
| 6 1/4" IBS | 1 | 3.72 |
| | | |
| 6 1/4" DC | 1 | 29.69 |
| 6 1/2" IBS | 1 | 4.53 |
| 6 1/4" DC | 20 | 600.56 |
| | | |
| **TOTAL BHA =** | | **669.19** |
| **Survey** | | |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U WT** | 285K | **LITH:** | 75% Sandstone,25% Shale | **Bkg Gas:** | N/A |
| **ROT WT** | 256K | **FLARE:** | BOTTOMS UP 30TO 35' | **Conn Gas:** | N/A |
| **SO WT** | 205K | **LAST CSG.** | **8 5/8"** **SET @** **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 595 | **On Hand:** | 5596 **Co.Man:** **Clyde Bairfield** | **Trip Gas** | N/A |

051

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T29S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | RUNING PROD CASING | **Date:** | 5/17/2005 | **Days:** | 33 |
| **Depth:** | 12509 TD | **Prog:** | 0 | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 |
| **Formation:** | SPRING CANYON | | | | | | |
| **DMC:** | $4,860 | **TMC:** | $111,529 | **TDC:** | $36,941 | **CWC:** | $1,553,306 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | 11.2 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | 8 | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM:** | 103 | **Size:** | 7 7/8 | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 13/21 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | MF45H | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 16/.37/45 | **SPM:** | 106 | **MFG:** | STC | **Prod Csg:** | $ - | **Rental Tools:** | $ 7,556 |
| **WL:** | 18 | **GPM :** | 375 | **S/N:** | PB3747 | **Float Equp:** | | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1800 | **Jets:** | 3X20 | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 14 | **AV DC:** | 321.86 | **In:** | 12368 | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 293 | **Out:** | 12509 | **Packers:** | $ - | **Mud Logger:** | |
| **PH :** | 9 | **JetVel:** | 134 | **FTG:** | 141 | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .3/4.4 | **ECD:** | 11.68 | **Hrs:** | 15.5 | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 8000 | **SPR #1 :** | 40 @300 | **FPH:** | 9.0 | **Heater:** | $ - | **Bits:** | $ 7,450 |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | 10/38 | **Pumping L/T:** | $ - | **Mud Motors:** | |
| **Dapp ppb:** | 4.5 | **Btm.Up:** | 62MIN | **RPM:** | 50/60 | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 424 1/2 | **Daily Total:** | $ - | **Drilling Mud:** | $ 4,860 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 0030 | 6:30 | CIRC & COND MUD |
| 0030 | 2330 | 11;00 | LAYING DOWN DP & BHA |
| 2330 | 0200 | 2:30 | RIG UP T&M CASING CREW |
| 0200 | 0600 | 4:00 | RUNING PROD CASING NOT COMPLETED |
| | | | |
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| | | | |
| | | 24.00 | |

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|---|---|---|---|
| **Misc. / Labor:** | | | |
| **Csg. Crew:** | $ - | | |
| **Daily Total:** | **$ 36,941** | | |
| **Cum. Wtr:** | $ 14,382 | | |
| **Cum. Fuel** | $ 76,304 | | |
| **Cum. Bits:** | $ 74,935 | | |
| **BHA # 4** | | | |
| 7 7/8" Bit | 1 | | |
| Mud Motor | 1 | | |
| 6 1/4" IBS | 1 | | |
| | | | |
| 6 1/4" DC | 1 | | |
| 6 1/2" IBS | 1 | | |
| 6 1/4" DC | 20 | | |
| | | | |
| **TOTAL BHA =** | | **0.00** | |
| **Survey** | | | |
| **Survey** | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **P/U WT** | | **LITH:** | N/A | | | **Bkg Gas:** | N/A |
| **ROT WT** | | **FLARE:** | N/A | | | **Conn Gas:** | N/A |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | **Peak Gas:** | N/A |
| **FUEL** | **Used:** 1099 | **On Hand:** | 4497 | **Co.Man:** | **Clyde Bairfield** | **Trip Gas** | N/A |

052

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

T09S R19E S31 43-047-35623

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | | | **OPR:** | RIGING DOWN | | | **Date:** | 5/18/2005 | **Days:** | 34 |
| **Depth:** | 12509' | **Prog:** | 0 | **D Hrs:** | 0.0 | **AV ROP:** | 0.0 | **Formation:** | | | |
| **DMC:** | $853 | **TMC:** | $112,382 | | | **TDC:** | $45,498 | **CWC:** | $1,598,804 | | |
| **Contractor:** | NABORS RIG 270 | | | **Mud Co:** | M-I DRLG FLUIDS | | | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | 10 | **#1 4.5gpm** | 6.5 X 9 | **Bit #:** | | | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 40 | **SPM:** | 103 | **Size:** | | | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | 13/15 | **# 2 4.1gpm** | 6.5 X 9 | **Type:** | | | | **Int. Csg:** | $ - | **Day Rate:** | $ 16,250 |
| **Gel:** | 8/2/31 | **SPM:** | 103 | **MFG:** | | | | **Prod Csg:** | $ - | **Rental Tools:** | $ 395 |
| **WL:** | 1 | **GPM :** | 375 | **S/N:** | | | | **Float Equp:** | | **Trucking:** | $ 680 |
| **Cake:** | 1/32 | **Press:** | 1800 | **Jets:** | | | | **Well Head:** | $ 737 | **Water:** | $ 2,440 |
| **Solids:** | 10 | **AV DC:** | 325 | **In:** | | | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | | **AV DP:** | 198 | **Out:** | | | | **Packers:** | $ - | **Mud Logger:** | |
| **PH :** | 9 | **JetVel:** | 562 | **FTG:** | | | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .4/5.6 | **ECD:** | 10.3 | **Hrs:** | | | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 10000 | **SPR #1 :** | 40 @300 | **FPH:** | | | | **Heater:** | $ - | **Bits:** | |
| **Ca :** | 140 | **SPR #2 :** | 40 @300 | **WOB:** | | | | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,100 |
| **Dapp ppb:** | 5 | **Btm.Up:** | 62MIN | **RPM:** | | | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | | | **T/B/G:** | | | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 424 1/2 | | | **Daily Total:** | $ 737 | **Drilling Mud:** | $ 853 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 1200 | 6:00 | RUNING 4 1/2' CSG. |
| 1200 | 1400 | 2:00 | CIRC BOTTOMS UP @ 12509 & COND MUD |
| 1400 | 1800 | 4:00 | CEMENT 4 1/2 PRODUCTION CASING WITH |
| | | | 20 BBL CW100 320 SKS HI-LIFT +ADDS LEAD |
| | | | (YIELD=3.05 H20 =18.6GL/SK@11.5PPG) |
| | | | 1950 SKS 5O/5OPOZ G+ADDS TAIL( YIELD =1.28 H20 |
| | | | 5.91GL/SK @14.1 PPG ) DISPLACE TO FLOAT |
| | | | WITH KCL H2O |
| | | | BUMP TOP PLUG GOOD RETURNS THROUGTH |
| | | | BUMP PLUG TO 3800 PSI. PRESSURE UP 2 TIMES |
| | | | FLOAT DID NOT HOLD |
| | | | PRESSURE UP 200 PSI OVER LIFT SHUT IN CMT HEAD |
| 1800 | 2000 | 2:0 | RIG DOWN SCHLUMBERGER& CGS CREW |
| 2000 | 0600 | 10:00 | CLEAN MUD PITS |
| | | | |
| | | | **RIG RELEASED @ 0600 HRS 5-18-2005** |
| | | | |
| | | 24.00 | |

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|---|---|---|---|---|---|---|---|---|
| **Misc. / Labor:** | $ 689 | | | | | | | |
| **Csg. Crew:** | $ 20,529 | | | | | | | |
| **Daily Total:** | **$ 45,498** | | | | | | | |
| **Cum. Wtr:** | $ 16,822 | | | | | | | |
| **Cum. Fuel** | $ 76,304 | | | | | | | |
| **Cum. Bits:** | $ 74,935 | | | | | | | |
| **BHA # 4** | | | | | | | | |
| 7 7/8" Bit | 1 | | | | | | | |
| Mud Motor | 1 | | | | | | | |
| 6 1/4" IBS | 1 | | | | | | | |
| | | | | | | | | |
| 6 1/4" DC | 1 | | | | | | | |
| 6 1/2" IBS | 1 | | | | | | | |
| 6 1/4" DC | 20 | | | | | | | |
| | | | | | | | | |
| **TOTAL BHA =** | **0.00** | | | | | | | |
| **Survey** | | | | | | | | |
| **Survey** | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **P/U WT** | | **LITH:** | | | | | **Bkg Gas:** | | |
| **ROT WT** | | **FLARE:** | | | | | **Conn Gas:** | | |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @** | **3536'** | | **Peak Gas:** | | |
| **FUEL** | **Used:** 811 | **On Hand:** | 3685 | **Co.Man:** | **Clyde Bairfield** | | **Trip Gas** | | |

053

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35683

| | | | | | |
|---|---|---|---|---|---|
| **Well:** Federal 24-31-9-19 | | **OPR:** RIGING DOWN | | **Date:** 5/19/2005 | **Days:** 35 |
| **Depth:** | **Prog:** | **D Hrs:** | **AV ROP:** | **Formation:** | |
| **DMC:** | **TMC:** | | **TDC:** $21,480 | **CWC:** $1,620,084 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE** | | **INTANGIBLE** | |
| **MW:** | **#1** 4.5gpm | **Bit #:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | **SPM:** | **Size:** | | **Surf. Csg:** | $ - | **Rig Move:** | $ - |
| **PV/YP:** | **# 2** 4.1gpm | **Type:** | | **Int. Csg:** | $ - | **Day Rate:** | $ 13,000 |
| **Gel:** | **SPM:** | **MFG:** | | **Prod Csg:** | $ - | **Rental Tools:** | $ 7,655 |
| **WL:** | **GPM :** | **S/N:** | | **Float Equp:** | | **Trucking:** | |
| **Cake:** | **Press:** | **Jets:** | | **Well Head:** | $ - | **Water:** | |
| **Solids:** | **AV DC:** | **In:** | | **TBG/Rods:** | $ - | **Fuel:** | $ - |
| **Sand:** | **AV DP:** | **Out:** | | **Packers:** | $ - | **Mud Logger:** | |
| **PH :** | **JetVel:** | **FTG:** | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | **ECD:** | **Hrs:** | | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | **SPR #1 :** | **FPH:** | | **Heater:** | $ - | **Bits:** | |
| **Ca :** | **SPR #2 :** | **WOB:** | | **Pumping L/T:** | $ - | **Mud Motors:** | |
| **Dapp ppb:** | **Btm.Up:** | **RPM:** | | **Prime Mover:** | $ - | **Corrosion:** | $ - |
| | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | **Rot. Hrs:** | 424 1/2 | **Daily Total:** | $ - | **Drilling Mud:** | |

| **Time Break Down:** | | | |
|---|---|---|---|
| **START** | **END** | **TIME** | |
| 0600 | 0600 | 24:00 | RIGING DOWN |
| | | | |
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| | | 24.00 | |

| | | |
|---|---|---|
| **Misc. / Labor:** | | |
| **Csg. Crew:** | | $ - |
| **Daily Total:** | | **$ 21,480** |
| **Cum. Wtr:** | | $ 14,382 |
| **Cum. Fuel** | | $ 76,304 |
| **Cum. Bits:** | | $ 67,485 |
| **BHA # 4** | | |
| 7 7/8" Bit | 1 | |
| Mud Motor | 1 | |
| 6 1/4" IBS | 1 | |
| | | |
| 6 1/4" DC | 1 | |
| 6 1/2" IBS | 1 | |
| 6 1/4" DC | 20 | |
| | | |
| **TOTAL BHA =** | | **0.00** |
| **Survey** | | |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U WT** | | **LITH:** | | | **Bkg Gas:** |
| **ROT WT** | | **FLARE:** | | | **Conn Gas:** |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @ 3536'** | **Peak Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man: Clyde Bairfield** | **Trip Gas** |

054

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35629

| | | | | | |
|---|---|---|---|---|---|
| **Well:** Federal 24-31-9-19 | | **OPR:** RIGING DOWN | | **Date:** 5/20/2005 | **Days:** 36 |
| **Depth:** | **Prog:** | **D Hrs:** | **AV ROP:** | **Formation:** | |
| **DMC:** | **TMC:** | | **TDC:** $14,625 | **CWC:** | $1,634,709 |
| **Contractor:** NABORS RIG 270 | | **Mud Co:** M-I DRLG FLUIDS | | **TANGIBLE** | **INTANGIBLE** |
| **MW:** | **#1** 4.5gpm | **Bit #:** | | **Conductor:** $ - | **Loc,Cost:** $ - |
| **VIS:** | **SPM:** | **Size:** | | **Surf. Csg:** $ - | **Rig Move:** $ - |
| **PV/YP:** | **# 2** 4.1gpm | **Type:** | | **Int. Csg:** $ - | **Day Rate:** $ 12,800 |
| **Gel:** | **SPM:** | **MFG:** | | **Prod Csg:** $ - | **Rental Tools:** $ 1,000 |
| **WL:** | **GPM :** | **S/N:** | | **Float Equp:** | **Trucking:** |
| **Cake:** | **Press:** | **Jets:** | | **Well Head:** $ - | **Water:** |
| **Solids:** | **AV DC:** | **In:** | | **TBG/Rods:** $ - | **Fuel:** $ - |
| **Sand:** | **AV DP:** | **Out:** | | **Packers:** $ - | **Mud Logger:** |
| **PH :** | **JetVel:** | **FTG:** | | **Tanks:** $ - | **Logging:** |
| **Pf/Mf:** | **ECD:** | **Hrs:** | | **Separator:** $ - | **Cement:** $ - |
| **Chlor:** | **SPR #1 :** | **FPH:** | | **Heater:** $ - | **Bits:** |
| **Ca :** | **SPR #2 :** | **WOB:** | | **Pumping L/T:** $ - | **Mud Motors:** |
| **Dapp ppb:** | **Btm.Up:** | **RPM:** | | **Prime Mover:** $ - | **Corrosion:** $ - |
| | | **T/B/G:** | | **Misc:** $ - | **Consultant:** $ 825 |
| | | **Rot. Hrs:** 424 1/2 | | **Daily Total:** $ - | **Drilling Mud:** |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 01200 | 6:00 | RIGING DOWN |
| 01200 | 1800 | 6:00 | STOP RIGING DOWN TO WORK ON DERRICK |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | WILL BE MOVING CAMP TO DAY. |
| | | | TRUCKS WILL ARRIVE @ 12:00 TO MOVE RIG. |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | 24.00 | |

| | |
|---|---|
| **Misc. / Labor:** | |
| **Csg. Crew:** | $ - |
| **Daily Total:** | **$ 14,625** |
| **Cum. Wtr:** | $ 14,382 |
| **Cum. Fuel** | $ 76,304 |
| **Cum. Bits:** | $ 67,485 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | |
| Mud Motor | 1 | |
| 6 1/4" IBS | 1 | |
| | | |
| 6 1/4" DC | 1 | |
| 6 1/2" IBS | 1 | |
| 6 1/4" DC | 20 | |
| | | |
| **TOTAL BHA =** | | **0.00** |
| **Survey** | | |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U WT** | | **LITH:** | | | **Bkg Gas:** |
| **ROT WT** | | **FLARE:** | | | **Conn Gas:** |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @** 3536' | **Peak Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man:** Clyde Bairfield | **Trip Gas** |

055

GASCO Energy

# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S-31 43-047-35623

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** | Federal 24-31-9-19 | **OPR:** | RIGING DOWN | **Date:** | 5/22/2005 | **Days:** | 38 |
| **Depth:** | | **Prog:** | | **D Hrs:** | | **AV ROP:** | |
| **Formation:** | | | | | | | |
| **DMC:** | | **TMC:** | | **TDC:** | $14,625 | **CWC:** | $1,679,075 |
| **Contractor:** | NABORS RIG 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | TANGIBLE | | INTANGIBLE | |
|---|---|---|---|---|---|---|---|
| MW: | #1 4.5gpm | Bit #: | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | SPM: | Size: | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | # 2 4.1gpm | Type: | | Int. Csg: | $ - | Day Rate: | $ 12,800 |
| Gel: | SPM: | MFG: | | Prod Csg: | $ - | Rental Tools: | $ 1,000 |
| WL: | GPM : | S/N: | | Float Equp: | | Trucking: | |
| Cake: | Press: | Jets: | | Well Head: | $ - | Water: | |
| Solids: | AV DC: | In: | | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | AV DP: | Out: | | Packers: | $ - | Mud Logger: | |
| PH : | JetVel: | FTG: | | Tanks: | $ - | Logging: | |
| Pf/Mf: | ECD: | Hrs: | | Separator: | $ - | Cement: | $ - |
| Chlor: | SPR #1 : | FPH: | | Heater: | $ - | Bits: | |
| Ca : | SPR #2 : | WOB: | | Pumping L/T: | $ - | Mud Motors: | |
| Dapp ppb: | Btm.Up: | RPM: | | Prime Mover: | $ - | Corrosion: | $ - |
| | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | Rot. Hrs: | 424 1/2 | Daily Total: | $ - | Drilling Mud: | |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 0600 | 1800 | 12:00 | 100 % MOVED TO 4-32-B |
| | | | |
| | | | FINAL REPORT FOR FEDERAL 24-31-9-19 |
| | | 24.00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| **Daily Total:** | **$ 14,625** |
| Cum. Wtr: | $ 14,382 |
| Cum. Fuel | $ 76,304 |
| Cum. Bits: | $ 67,485 |

**BHA # 4**

| | | |
|---|---|---|
| 7 7/8" Bit | 1 | |
| Mud Motor | 1 | |
| 6 1/4" IBS | 1 | |
| | | |
| 6 1/4" DC | 1 | |
| 6 1/2" IBS | 1 | |
| 6 1/4" DC | 20 | |
| | | |
| **TOTAL BHA =** | | **0.00** |
| **Survey** | | |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U WT** | | **LITH:** | | | **Bkg Gas:** |
| **ROT WT** | | **FLARE:** | | | **Conn Gas:** |
| **SO WT** | | **LAST CSG.** | **8 5/8"** | **SET @ 3536'** | **Peak Gas:** |
| **FUEL** | **Used:** | **On Hand:** | | **Co.Man: Clyde Bairfield** | **Trip Gas** |

GASCO PRODUCTION COMPANY

CONFIDENTIAL

T09S R19E S-31
43-047-35623

**Federal 24-31-9-19**

**Completion**

6/1/05 **RU SLB and ran CBL/CCL/Gamma Ray logs. Fd good and excellent bonding into surface csg. DC 23,045 CC 23,045**

6/16/05 **RU SLB Wireline (Dwayne). Perforated Blackhawk / Spring Canyon f/ 12270 – 75', 12280 – 85', 3 spf w/ 3 1/8" Hivolt guns, 21 gm powerfrac chgs, .44 EHD, 24.9" pen. Found 2280 psi on wellhead, before perforating. Broke dn perfs @ 5946 psi @ 5.3 bpm. ISIP 5271. FG .86. Calc 22 holes open / 30. Fraced w/ 190,620# 20-40 Econoprop, using 2420 bbls YF 125 gel. Flushed csg w/ 176 bbls. Screened out on flush to 10,000 psi (% bbls short of flush). ISIP N/A after screenout (7350). FG N/A. Opened well up to FB @ 10:25 AM on 10/64" ck w/ 5800 SICP. Cleaned up wellbore and screen out sd. RIH w/ "perf only" gun to perf BH / Sunnyside. Having trouble w/ guns, start OOH, then went back in and got it to shoot. Perfed f/ 11800 – 806', POOH. RIH w/ plug and guns to Perf Stg 2 – BH – Desert / Grassy. Set FTFP #1 @ 11,751'. Plug chg didn't go off the 1st time. Went the second time. Perforated 11616 – 20', 11652 – 55', 11730 – 36', 3 spf. Last gun took 30 min to get to go off. Broke dn perfs @ 8100 psi @ 5 bpm. ISIP 5120. FG .88. Calc 17 holes open / 39. Fraced BH Desert / Grassy w/ 20,000# 20-40 reg sd and 74,350# 20-40 Temp DC, using 1710 bbls YF 125 gel. Flushed w/ 171.3 bbls. ISIP 5120. FG .87. Opened well up to FB @ 9:10 PM on 12/64" ck w/ 4700 SICP. (SCE) DC 1000 CC 24,045**

6/17/05 Well flowing this AM @ 4300 FCP on 16/64" ck. Made 1519 bbls in 15.5 bbls. TR 1519. BLWTR 2611. RIH w/ plug and guns to perf **Stage 3 – Lower Mesaverde**. Set FTFP #2 @ 11290'. Perforated f/ 11011 – 15', 11024 – 29', 11117 – 20', 11270 – 74', 3 spf. Pumped into perfs @ 6300 psi @ 7 bpm (no break down). ISIP 4460. FG .84. Hybrid fraced Stage 3 w/ 24,500# 20-40 reg sd, and 94430# 20-40 Tempered DC, using 2323 bbls WF and YF 118 gel. Flushed well w/ 162 bbls. ISIP 4480. FG .84. Opened well up to FB @ 10:45 AM on 12/64" ck, w/ 4300 SICP. Cleaned well up to pit. RIH w/ plug and guns to perf **Stage 4 – Lower Mesaverde**. Set FTFP #3 @ 10875'. Perforated f/ 10728 – 32', 10816 – 20', 10855 – 58', 3 spf. Last gun didn't go off. POOH and rebuilt. RIH and went off second run. Fd 4050 SICP. Couldn't break dn perfs @ 9000 psi, worked it, surged off and pumped in. Finally got a break @ 8807 @ 12 bpm. Still treating tight (8100 @ 35.8 bpm). Calc 13 holes open / 33. FG .86. Bilu re-designed frac. Hybrid fraced Stg 4 w/ 86027# 20-40 Tempered DC, using 2295 bbls WF and YF 118 gel. ISIP 4850. FG .89. Flushed well w/ 158 bbls. ISIP 4850. FG .89. Opened well up to FB @ 8:50 PM on 12/64" ck w/ 4400 SICP. (SCE)

T09S R19E S-31
43-047-35623

**Federal 24-31-9-19**

**Completion**

6/1/05 RU SLB and ran CBL/CCL/Gamma Ray logs. Fd good and excellent bonding into surface csg. DC 23,045 CC 23,045

6/16/05 RU SLB Wireline (Dwayne). Perforated Blackhawk / Spring Canyon f/ 12270 – 75', 12280 – 85', 3 spf w/ 3 1/8" Hivolt guns, 21 gm powerfrac chgs, .44 EHD, 24.9" pen. Found 2280 psi on wellhead, before perforating. Broke dn perfs @ 5946 psi @ 5.3 bpm. ISIP 5271. FG .86. Calc 22 holes open / 30. Fraced w/ 190,620# 20-40 Econoprop, using 2420 bbls YF 125 gel. Flushed csg w/ 176 bbls. Screened out on flush to 10,000 psi (% bbls short of flush). ISIP N/A after screenout (7350). FG N/A. Opened well up to FB @ 10:25 AM on 10/64" ck w/ 5800 SICP. Cleaned up wellbore and screen out sd. RIH w/ "perf only" gun to perf BH / Sunnyside. Having trouble w/ guns, start OOH, then went back in and got it to shoot. Perfed f/ 11800 – 806', POOH. RIH w/ plug and guns to Perf Stg 2 – BH – Desert / Grassy. Set FTFP #1 @ 11,751'. Plug chg didn't go off the 1st time. Went the second time. Perforated 11616 – 20', 11652 – 55', 11730 – 36', 3 spf. Last gun took 30 min to get to go off. Broke dn perfs @ 8100 psi @ 5 bpm. ISIP 5120. FG .88. Calc 17 holes open / 39. Fraced BH Desert / Grassy w/ 20,000# 20-40 reg sd and 74,350# 20-40 Temp DC, using 1710 bbls YF 125 gel. Flushed w/ 171.3 bbls. ISIP 5120. FG .87. Opened well up to FB @ 9:10 PM on 12/64" ck w/ 4700 SICP. (SCE) DC 1000 CC 24,045

6/17/05 Well flowing this AM @ 4300 FCP on 16/64" ck. Made 1519 bbls in 15.5 bbls. TR 1519. BLWTR 2611. RIH w/ plug and guns to perf Stage 3 – Lower Mesaverde. Set FTFP #2 @ 11290'. Perforated f/ 11011 – 15', 11024 – 29', 11117 – 20', 11270 – 74', 3 spf. Pumped into perfs @ 6300 psi @ 7 bpm (no break down). ISIP 4460. FG .84. Hybrid fraced Stage 3 w/ 24,500# 20-40 reg sd, and 94430# 20-40 Tempered DC, using 2323 bbls WF and YF 118 gel. Flushed well w/ 162 bbls. ISIP 4480. FG .84. Opened well up to FB @ 10:45 AM on 12/64" ck, w/ 4300 SICP. Cleaned well up to pit. RIH w/ plug and guns to perf Stage 4 – Lower Mesaverde. Set FTFP #3 @ 10875'. Perforated f/ 10728 – 32', 10816 – 20', 10855 – 58', 3 spf. Last gun didn't go off. POOH and rebuilt. RIH and went off second run. Fd 4050 SICP. Couldn't break dn perfs @ 9000 psi, worked it, surged off and pumped in. Finally got a break @ 8807 @ 12 bpm. Still treating tight (8100 @ 35.8 bpm). Calc 13 holes open / 33. FG .86. Bilu re-designed frac. Hybrid fraced Stg 4 w/ 86027# 20-40 Tempered DC, using 2295 bbls WF and YF 118 gel. ISIP 4850. FG .89. Flushed well w/ 158 bbls. ISIP 4850. FG .89. Opened well up to FB @ 8:50 PM on 12/64" ck w/ 4400 SICP. (SCE) DC 40301 CC 64364

| | |
|---|---|
| 6/18/05 | Well flowing this AM @ 3300 FCP on 14/64" ck. Made 1552 bbls in 14.5 hrs. TR 3017. BLWTR 5677. RIH w/ plug and guns to perf Stage 5 – Lower Mesaverde. Set FTFP #4 @ 10614'. Perforated f/ 10438 – 42', 10494 – 98, 10506 – 510', 10592 – 96', 3 spf. Fd 3650 SICP. Pumped into perfs @ 4870 psi @ 6 bpm (no break). ISIP 4250. FG .84. Calc 28 hole open. SD for 20 min, scale frac chem. Pump broke. Resumed frac. Hybrid fraced Stg 5 w/ 107,430# 20-40 Temp DC, using 2762 bbls YF and WF 118 gel. Having trouble w/ suction, had to drop rate. Flushed @ 30 bpm w/ 153.7 bbls. ISIP 4265. FG .84. Opened well up to FB @ 2:00 PM w/ 4000 SICP, on 12/64" ck. (SCE) DC 722,992 CC 787,356 |
| 6/19/05 | Well flowing this AM w/ 1300 FCP on 16/64'' ck. Made 1493 bbls in 18 hrs. TR 4564. BLWTR 6946. |
| 6/20/05 | Well flowing this AM w/ 400 FCP on 16/64'' ck. Made 266 bbls in 24 hrs. TR 4830. BLWTR 6680. Unloaded to pit on large ck to try to get FTFP cleared, no success. Need to run tbg and drill out plugs ASAP. Will MIRU Mon or Tues. |
| 6/21/05 | Well flowing this AM w/ 300 FCP on 16/64'' ck. Made 71 bbls in 24 hrs. TR 4901. BLWTR 6609. |
| 6/22/05 | Well flowing this AM w/ 200 FCP on 16/64'' ck. Made 53 bbls in 24 hrs. TR 4954. BLWTR 6556. |
| 6/23/05 | Well flowing this AM w/ 150 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4968. BLWTR 6542. |
| 6/24/05 | Well flowing this AM w/ 100 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4982. BLWTR 6528. MIRU Schlumberger Coil Tubing Unit. W/O N2 Pipe Screen. Load Coil w/ 2% KCl. Pressure Testing @ Report time. |
| 6/25/05 | RIH w/ 3 ¾" 4 Blade Mill, 2 7/8" Motor & Jars On 1 ¾" Coil Tubing. Initial circulating Rate on Bottom 1 ¾ bpm KCl & 300scf N2 @ 3300psi. Annular Presure: 1300psi. Tag Plug #4 @ 10580' (Coil Tbg Depth vs KB depth Approx 34' Diff) & Drillout. Cut N2. Circulating Pressures increased to Tbg: 4500psi. Ann: 2300psi. Tag Plug # 3 @ 10840' & Drillout. RIH & Tag Sand Fill @ 11093' (160' Fill) Wash down & Tag Plug #2 @ 11256'. Sand & Debris plugging choke manifolds. Annular Pressure increasing to 3000psi w/ open chokes. Drillout Plug #2. Tag Plug # 1 @ 11710' & Drillout. Annular Pressure increased to 3500psi on 30/64" choke. RIH To Tag PBTD @ 12398' Circ Hole Clean. POOH. Reduce Choke to 16/ 64" @ 4300psi while rigging down Schlumberger. Reduce choke to 14/16" ON. TCP: 4700psi.(CME) DCC: 127815. CCC: 915171 |

| | |
|---|---|
| 6/26/05 | Flowed well for 24 hrs on a 16/64 ck with 4700psi FCP and made 1252MCF and 269 BF. TR-, BLWTR- |

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-76489*
6. If Indian, Allottee or Tribe Name: *NA*
7. If Unit or CA/Agreement, Name and/or No.: *NA*
8. Well Name and No.: *Federal 24-31-9-19*
9. API Well No.: *043-047-35623*
10. Field and Pool, or Exploratory Area: *Pariette Bench*
11. County or Parish, State: *Uintah*

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator: *Gasco Energy, Inc*
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)*: *1152' FSL & 1417' FWL SE SW of Section 31-T9S-R19E*

CONFIDENTIAL

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 |
| | ☐ 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 7/18/05.*

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

Name *(Printed/Typed)*: *Beverly Walker* — Title: *Engineering Technician*

Signature: *Beverly Walker* — Date: *October 18, 2005*

**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)*

RECEIVED
OCT 21 2005
DIV. OF 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-76489

6. If Indian, Allottee, or Tribe Name: NA

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

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: Federal 24-31-9-19

2. Name of Operator: Gasco Production Company

9. API Well No.: 43-047-35623

3a. Address: 8 Inverness Drive East Ste 100 Englewood, Co 80112

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

10. Field and Pool, or Exploratory Area: Pariette Bench

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 1152' FSL & 1417' FWL SE SW of Section 31-T9S-R19E

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

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

| TYPE OF SUBMISSION | 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: January 0, 1900

**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.*

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)*
1152' FSL & 1417' FWL SE SW of Section 31-T9S-R19E

5. Lease Serial No
UTU-76489

6. If Indian, Allottee, or Tribe Name
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7. If Unit or CA Agreement Name and/or No
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8. Well Name and No
Federal 24-31-9-19

9. API Well No
43-047-35623

10. Field and Pool, or Exploratory Area
Pariette Bench

11. County or Parish, State
Uintah County, Utah

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

| TYPE OF SUBMISSION | 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 |
| | [ ] Change Plans | [ ] Plug and abandon | [ ] Temporarily Abandon | Spud |
| [ ] 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 3/28/2005*

RECEIVED
APR 2 6 2006
DIV. OF OIL, GAS & MINING

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

| Name *(Printed/ Typed)* | Title |
|---|---|
| Beverly Walker | Engineering Technician |
| Signature | Date |

**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

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***SUBMIT IN TRIPLICATE*** *- Other Instructions on reverse side.*

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

2. Name of Operator
Gasco Production Company

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

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1152' FSL & 1417' FWL SE SW of Section 31-T9S-R19E

5. Lease Serial No.
UTU-76489

6. If Indian, Allottee, or Tribe Name
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7. If Unit or CA. Agreement Name and/or No
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8. Well Name and No.
Federal 24-31-9-19

9. API Well No.
43-047-35623

10. Field and Pool, or Exploratory Area
Pariette Bench

11. County or Parish, State
Uintah County, Utah

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

| TYPE OF SUBMISSION | 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 |
| | [ ] Change Plans | [ ] Plug and abandon | [ ] Temporarily Abandon | EFM Meter |
| [ ] Final Abandonment Notice | [ ] Convert to Injection | [ ] Plug back | [ ] Water Disposal | |

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*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)* | Title |
|---|---|
| Beverly Walker, | Engineering Technician |
| Signature | Date |
| | January 0, 1900 |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

| Approved by | Title | Date |
|---|---|---|
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*(Instructions on page 2)*

GASCO PRODUCTION CO

T09S R19E S-31
43-047-35623

**Federal 24-31-9-19**

**Completion**

6/1/05 RU SLB and ran CBL/CCL/Gamma Ray logs. Found good and excellent bonding into surface csg. DC 23,045 CC 23,045

6/16/05 RU SLB Wireline (Dwayne). **Perforated Stage 1 Blackhawk / Spring Canyon f/ 12270 – 75', 12280 – 85',** 3 spf w/ 3 1/8" Hivolt guns, 21 gm powerfrac chgs, .44 EHD, 24.9" pen. Found 2280 psi on wellhead, before perforating. Broke down perfs @ 5946 psi @ 5.3 bpm. ISIP 5271. FG .86. Calc 22 holes open / 30. **Fraced w/ 190,620# 20-40 Econoprop, using 2420 bbls YF 125 gel.** Flushed csg w/ 176 bbls. Screened out on flush to 10,000 psi (% bbls short of flush). ISIP N/A after screen out (7350). FG N/A. Opened well up to FB @ 10:25 AM on 10/64" ck w/ 5800 SICP. Cleaned up wellbore and screen out sand. **RIH w/ "perf only" gun to perf BH / Sunnyside.** Having trouble w/ guns, start OOH, then went back in and got it to shoot. **Perfed f/ 11800 – 806',** POOH. RIH w/ plug and guns to **Perf Stage 2 – BH – Desert / Grassy.** Set FTFP #1 @ 11,751'. Plug chg didn't go off the 1st time. Went the second time. **Perforated 11616 – 20', 11652 – 55', 11730 – 36',** 3 spf. Last gun took 30 min to get to go off. Broke dn perfs @ 8100 psi @ 5 bpm. ISIP 5120. FG .88. Calc 17 holes open / 39. **Fraced BH Desert / Grassy w/ 20,000# 20-40 reg sd and 74,350# 20-40 Temp DC, using 1710 bbls YF 125 gel.** Flushed w/ 171.3 bbls. ISIP 5120. FG .87. Opened well up to FB @ 9:10 PM on 12/64" ck w/ 4700 SICP. (SCE) DC 1000 CC 24,045

6/17/05 Well flowing this AM @ 4300 FCP on 16/64" ck. Made 1519 bbls in 15.5 hrs. TR 1519. BLWTR 2611. RIH w/ plug and guns to **perf Stage 3 – Lower Mesaverde.** Set FTFP #2 @ 11290'. Perforated **f/ 11011 – 15', 11024 – 29', 11117 – 20', 11270 – 74',** 3 spf. Pumped into perfs @ 6300 psi @ 7 bpm (no break down). ISIP 4460. FG .84. **Hybrid fraced Stage 3 w/ 24,500# 20-40 reg sd, and 94430# 20-40 Tempered DC, using 2323 bbls WF and YF 118 gel.** Flushed well w/ 162 bbls. ISIP 4480. FG .84. Opened well up to FB @ 10:45 AM on 12/64" ck, w/ 4300 SICP. Cleaned well up to pit. RIH w/ plug and guns to **perf Stage 4 – Lower Mesaverde.** Set FTFP #3 @ 10875'. **Perforated f/ 10728 – 32', 10816 – 20', 10855 – 58',** 3 spf. Last gun didn't go off. POOH and rebuilt. RIH and went off second run. Fd 4050 SICP. Couldn't break dn perfs @ 9000 psi, worked it, surged off and pumped in. Finally got a break @ 8807 @ 12 bpm. Still treating tight (8100 @ 35.8 bpm). Calc 13 holes open / 33. FG .86. Bilu re-designed frac. **Hybrid fraced Stage 4 w/ 86027# 20-40 Tempered DC, using 2295 bbls WF and YF 118 gel.** ISIP 4850. FG .89. Flushed well w/ 158 bbls. ISIP 4850. FG .89. Opened well up to FB @ 8:50 PM on 12/64" ck w/ 4400 SICP. (SCE) DC 40301 CC 64364

6/18/05 Well flowing this AM @ 3300 FCP on 14/64" ck. Made 1552 bbls in 14.5 hrs. TR 3017. BLWTR 5677. RIH w/ plug and guns to **perforate Stage 5 – Lower Mesaverde.** Set FTFP #4 @ 10614'. **Perforated f/ 10438 – 42', 10494 – 98, 10506 – 510', 10592 – 96',** 3 spf. Fd 3650 SICP. Pumped into perfs @ 4870 psi @ 6 bpm (no break). ISIP 4250. FG .84. Calc 28 holes open. SD for 20 min, scale frac chem. Pump broke. Resumed frac. **Hybrid fraced Stage 5 w/ 107,430# 20-40 Temp DC, using 2762 bbls YF and WF 118 gel.** Having trouble w/ suction and had to drop rate. Flushed @ 30 bpm w/ 153.7 bbls. ISIP 4265. FG .84. Opened well up to FB @ 2:00 PM w/ 4000 SICP, on 12/64" ck. (SCE) DC 722,992 CC 787,356

6/19/05 Well flowing this AM w/ 1300 FCP on 16/64'' ck. Made 1493 bbls in 18 hrs. TR 4564. BLWTR 6946.

6/20/05 Well flowing this AM w/ 400 FCP on 16/64'' ck. Made 266 bbls in 24 hrs. TR 4830. BLWTR 6680. Unloaded to pit on large ck to try to get FTFP cleared, no success. Need to run tbg and drill out plugs ASAP. Will MIRU Mon or Tues.

6/21/05 Well flowing this AM w/ 300 FCP on 16/64'' ck. Made 71 bbls in 24 hrs. TR 4901. BLWTR 6609.

6/22/05 Well flowing this AM w/ 200 FCP on 16/64'' ck. Made 53 bbls in 24 hrs. TR 4954. BLWTR 6556.

6/23/05 Well flowing this AM w/ 150 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4968. BLWTR 6542.

6/24/05 Well flowing this AM w/ 100 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4982. BLWTR 6528. MIRU Schlumberger Coil Tubing Unit. W/O N2 Pipe Screen. Load Coil w/ 2% KCl. Pressure Testing @ Report time.

6/25/05 RIH w/ 3 ¾" 4 Blade Mill, 2 7/8" Motor & Jars On 1 ¾" Coil Tubing. Initial circulating Rate on Bottom 1 ¾ bpm KCl & 300scf N2 @ 3300psi. Annular Presure: 1300psi. Tag Plug #4 @ 10580' (Coil Tbg Depth vs KB depth Approx 34' Diff) & Drillout. Cut N2. Circulating Pressures increased to Tbg: 4500psi. Ann: 2300psi. Tag Plug # 3 @ 10840' & Drillout. RIH & Tag Sand Fill @ 11093' (160' Fill) Wash down & Tag Plug #2 @ 11256'. Sand & Debris plugging choke manifolds. Annular Pressure increasing to 3000psi w/ open chokes. Drillout Plug #2. Tag Plug # 1 @ 11710' & Drillout. Annular Pressure increased to 3500psi on 30/64" choke. RIH To Tag PBTD @ 12398' Circ Hole Clean. POOH. Reduce Choke to 16/ 64" @ 4300psi while rigging down Schlumberger. Reduce choke to 14/16" ON. TCP: 4700psi.(CME) DCC: 127815. CCC: 915171

6/26/05 Flowed well for 24 hrs on a 16/64 ck with 4700psi FCP and made 1252MCF and 269 BF. TR-, BLWTR-

9/18/05 Update late costs: DC 122,502 CCC $1,037,673

6/1/06 Update late costs: DC 4851 CCC $1,042,542

**Mobe 2- frac Upper Mesaverde and Wasatch**

6/2/06 MIRU SLB Wireline. RIH w/ 3.61" gauge ring and junk basket to 9900'. No tag or sticky spots. POOH and retrieved +- 20 pcs of metal in basket. Appears to be metal petals from drilling out Baker plugs.

6/3/06 SLB pushed frac date back to Mon, June 5th. Was supposed to frac Thurs, June 1st. Found 300 FCP. **RIH w/ "perf only guns" and shot f/ 9768 – 76', 9716 – 20'.** POOH. RIH w/ plug and guns to **perf Stage 6 – Upper Mesaverde.** Set CBP #1 @ 9140'. **Perforated f/ 8856 – 59', 9005 – 08', 9112 – 16'.** (SCE)

6/6/06 MIRU SLB (Vernal – Brian Goodrich and Matt). Loaded hole w/ 70 bbls. At 4850 STP, plug failed. SD. RIH w/ another CBP #2 and set @ 9135'. (ran 30' past 9140, plug #1 gone). RU to frac again. Loaded w/ 20 bbls. Broke dn perfs @ 4208 psi @ 13.1 bpm. ISIP 3350. FG .81. Calc 19 holes open / 30. **Gel fraced Stg 6 w/ 114,668# (70,000# 20-40 reg white and 44,668# 20-40 SB Excel), using 1963 bbls YF 115 ST gel.** Flushed to perfs @ 130.1 bbls. ISIP 3900. FG .87. No flowback. RIH w/ plug and guns to **perf Stage 7 – Wasatch.** Set FTFP #3 @ 8336'. Psi test plug to 8500 psi, ok. Bled wellbore dn to 4200 psi. **Perfed 8308 – 18'.** Psi dropped. Kicked in 1 pump and pumped into perfs @ 5 bpm @ 2050 psi while pulling OOH. Pumped rest of pre-pad. ISIP 2460. FG .73. **Fraced Stage 7 w/ 26,020# 20-40 reg sd, and 45K# 20-40 SB Excel, using 1325 bbls YF 115 ST gel.** Ran out of sand early. Only got 25 bbls of 5 ppg sd away before runnig out. (Brian thought we were supposed to have extra). Must have pumped both jobs heavy. Flushed csg w/ 122 bbls. ISIP 2950. FG .79. Opened well up to FB @ 3:45 PM on 12/64" ck w/ 3000 SICP. (SCE)

6/7/06 Well flowing this AM @ 500 FCP on 16/64" ck. Made 1119 bbls in 14.75 hrs. TR 1119. BLWTR 2169. (SCE)

6/8/06 Well flowing this AM @ 1500 FCP on 16/64" ck. Made 556 bbls in 24 hrs. TR 1675. BLWTR 1613. Put well dn sales line this AM @ +- 1.1 MMCFD rate. (SCE) DC frac 196,618 CCC $ 1,239,160

6/10/06 MIRU SLB Wireline and finish shooting "perf only" zones f/ 6504 – 12', and 5849 – 54'. (SCE) DC (inc wireline) $36,527 CCC $1,272,687

6/22/06 Move on service unit and rig up. Lay pump and lines, pump 60 bbls and NDFT and NU BOP. Return well to sales and shut down for day. ( Rick w/ Premier / CR) DC $ 3787 CCC $ 1,242,947

6/23/06 Well flowing this AM @ 650 psi, pump 50 bbls to control well. RIH w/ 3 ¾ cone bit, POBS, X-nipple and 266 jts. Tag up @ 8303', rig up swivel and nitrogen. Drill out plug and RIH w/ 26 jts and tag up on CBP. Break circ and drill out plug. well started flowing @ 1750 psi, SDFN. Clean up well and return to sales. (Rick w/ Premier / CR) DC $ 16,629 CCC $ 1,259,576

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-76489*

6. If Indian, Allottee or Tribe Name
*NA*

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
*Federal 24-31-9-19*

2. Name of Operator
*Gasco Production Company*

9. API Well No.
*43-047-35623*

3a. Address
*8 Inverness Dr E, Englewood, Colorado 80112*

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

10. Field and Pool, or Exploratory Area
*Pariette Bench*

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
*1152' FSL & 1417' FWL*
*SE SW of Section 31-T9S-R19E*

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

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☒ 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 9, 2006 at 10:15 a.m.*

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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

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 3160-4 (August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-76489

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.: Federal 24-31-9-19

3. Address: 8 Inverness Drive East Suite 100, Englewood, Colorado 80112

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

9. API Well No.: 43-047-35623

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

At surface: 1152' FSL & 1417' FWL

At top prod. interval reported below: same

At total depth: same

10. Field and Pool, or Exploratory: Pariette Bench

11. Sec., T., R., M., or Block and Survey or Area: SE SW Sec 31-T9S-R19

12. County or Parish: Uintah

13. State: Utah

| 14. Date Spudded | 15. Date T.D. Reached | 16. Date Completed ☐ D & A ☑ Ready to Prod. | 17. Elevations (DF, RKB, RT, GL)* |
|---|---|---|---|
| 3/28/2005 | 05/15/05 | 06/06/06 | 4952' GL; 4979' KB |

| 18. Total Depth: MD / TVD | 19. Plug Back T.D.: MD / TVD | 20. Depth Bridge Plug Set: MD / TVD |
|---|---|---|
| 12509 / 12509 | 12398 / 12398 | |

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PELL: HRLL: GR: CNL; BHC; CBL. ML

22. Was well ☑ No ☐ Yes (Submit copy)
Was DST run? ☑ No ☐ Yes (Submit copy)
Directional ☑ 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 1/2" | 13 3/8" H40 | 48# | 0 | 221 | | 225 sx of Class G | | Circ to surface | |
| 12 1/4" | 8 5/8" J55 | 32# | 0 | 3536 | | 480 sx of Lite | | Circ to surface | |
| | | | | | | 225 sx of Class G | | | |
| 7 7/8" | 4 1/2" P110 | 13.5# | 0 | 12509 | | 320 sx of Hilift | | Circ to surface | |
| | | | | | | 1950 sx of 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 3/8" | 5044 | | | | | | | |

25. Producing Intervals / 26. Perforation Record

| | Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|---|
| A) | Blackhawk | 11616 | 12285 | 12280-85 | .38 | 15 | Open |
| B) | Mesaverde | 9716 | 11274 | 12270-75 | .38 | 15 | Open |
| C) | Wasatch | 5849 | 8318 | 11800-06 | .38 | 18 | Open |
| D) | | | | 11730-36 | .38 | 18 | Open |
| E) | | | | 11652-55 & 11616-20 | .38 | 21 | Open |

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

| Depth Interval | Amount and type of Material |
|---|---|
| 12270-85 | 190620# of 20-40 Econoprop using 2420 bbls of YF 125 gel |
| 11616-736 | 20K #'s of 20-40 regular sand & 74350# of 20-40 tempered dc using 1710 bbls of yf 125 gel |
| 11011-274 | 24500# of 20-40 regular sand & 94430# of 20-40 temp dc using 2323 bbls of wf & yf 118 gel |
| 10728-858 | 86027# of 20-40 tempered dc using 2295 bbls of wf & yf 118 gel |
| 10438-596 | 107430# of 20-40 tempered dc using 2762 bbls of yf & wf 118 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 |
|---|---|---|---|---|---|---|---|---|---|
| 06/26/05 | 06/29/05 | 24 | → | 0 | 1,656 | 210 | | | Flowing |

| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |
|---|---|---|---|---|---|---|---|---|
| 14/64" | 0 | 4200 | → | 0 | 1656 | 210 | | Producing from A & B |

28a.

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | | |

| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |
|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | |

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*(See instructions and spaces for additional data on reverse side)*

28b.

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| 06/06/06 | 06/12/06 | 24 | → | 2 | 1564 | 57 | | | Flowing |
| **Choke Size** | **Tbg. Press. Flwg.** | **Csg. Press.** | **24 Hr. Rate** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas : Oil Ratio** | **Well Status** | |
| | 0 | 1113 | → | 2 | 1564 | 57 | | Producing from All | |

28c. Production - Interval E

| 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 | 5,103 | 9,123 | | | |
| Mesaverde | 9,123 | 11,326 | | | |
| Blackhawk | 11,594 | | TD'd well withing the Blackhawk @ 12,509 | | |

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 Tech

Signature Beverly Walker Date 8/3/2006

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.

o U.S. GPO: 1999-573-624

# Federal 24-31-9-19

***Additional Information to Well Completion Report***

27. Perforation Record

| Perforated Interval | Size | No. Hole | Perf. Status |
|---|---|---|---|
| 11270-74; 11117-20; 11024-29; 11011-15; 10855-58; 10816-20; 10728-32; 10592-96; 10506-10; 10494-98; 10438-42; 9768-76; 9716-20 | 0.38 | 165 | Open |
| 9112-16; 9005-08; 8856-59; 8308-18; 6504-12; 5849-54 | 0.38 | 102 | Open |
| | | | |
| | | | |
| | | | |

28. Acid Fracture, Treatment, Cement Squeeze, Etc (continued)

| Depth Interval | Amount and Type of Material |
|---|---|
| 8856-9116 | 70K# of 20-40 regular sand & 44668# of 20-40 SB Excel using 1963 bbls of YF 115ST gel |
| 8308-18 | 26020# of 20-40 regular sand & 45K# of 20-40 SB Excel using 1325 bbls of YF 115ST gel |
| | |
| | |
| | |
| | |

BLM

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B 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-76489**

6. If Indian, Allottee or Tribe Name
**NA**

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
**FEDERAL 24-31-9-19**

2. Name of Operator
**GASCO PRODUCTION COMPANY**

9. API Well No.
**043-047-35623**

3a. Address
**8 INVERNESS DR. E, # 100, ENGLEWOOD, CO 80112**

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

10. Field and Pool, or Exploratory Area
**PARIETTE BENCH**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
**1152' FSL X 1417' FWL, SESW, SECTION 31-T9S-R19E**

11. County or Parish, State
**UINTAH, UTAH**

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 **Complete and commingle multple pay zones** |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

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

Gasco intends to complete all productive intervals in the Mesaverde and Wasatch formations, and to commingle production from these intervals. Following the final fracture stimulation, a Completion Report (BLM 3160-4), containing the perforation and stimulation specifics for each zone completed, will be submitted.

No new surface disturbance is anticipated. If any is necessary, prior approval will be obtained from the BLM-Vernal Field Office.

If required, the method used to account for and to allocate production from each pool so commingled will be by individual interval hydrocarbon pore volume calculation.

Gasco Production Company is the owner of all contiguous oil and gas leases or drilling units overlying the pools. Gasco herewith waive it's right to the 15-day period of objection per UDOGM Rule 649-3-22(3), and respectfully requests that the Division accept this NOI in lieu of the required affidavit with regard to notification of the aforementioned owners.

Estimated Date of Commingling: June 2, 2006

Attachment: Exhibit showing the location of all wells on contiguous oil and gas lease or drilling units overlying the subject pools.

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

Title **Senior Engineer**

COPY SENT TO OPERATOR
Date: 6.26.06
Initials: DM

Signature

Date **05/19/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title **Accepted by the Utah Division of Oil, Gas and Mining**

Date

Federal Approval Of This Action Is Necessary

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

Date: 6/6/06

By:

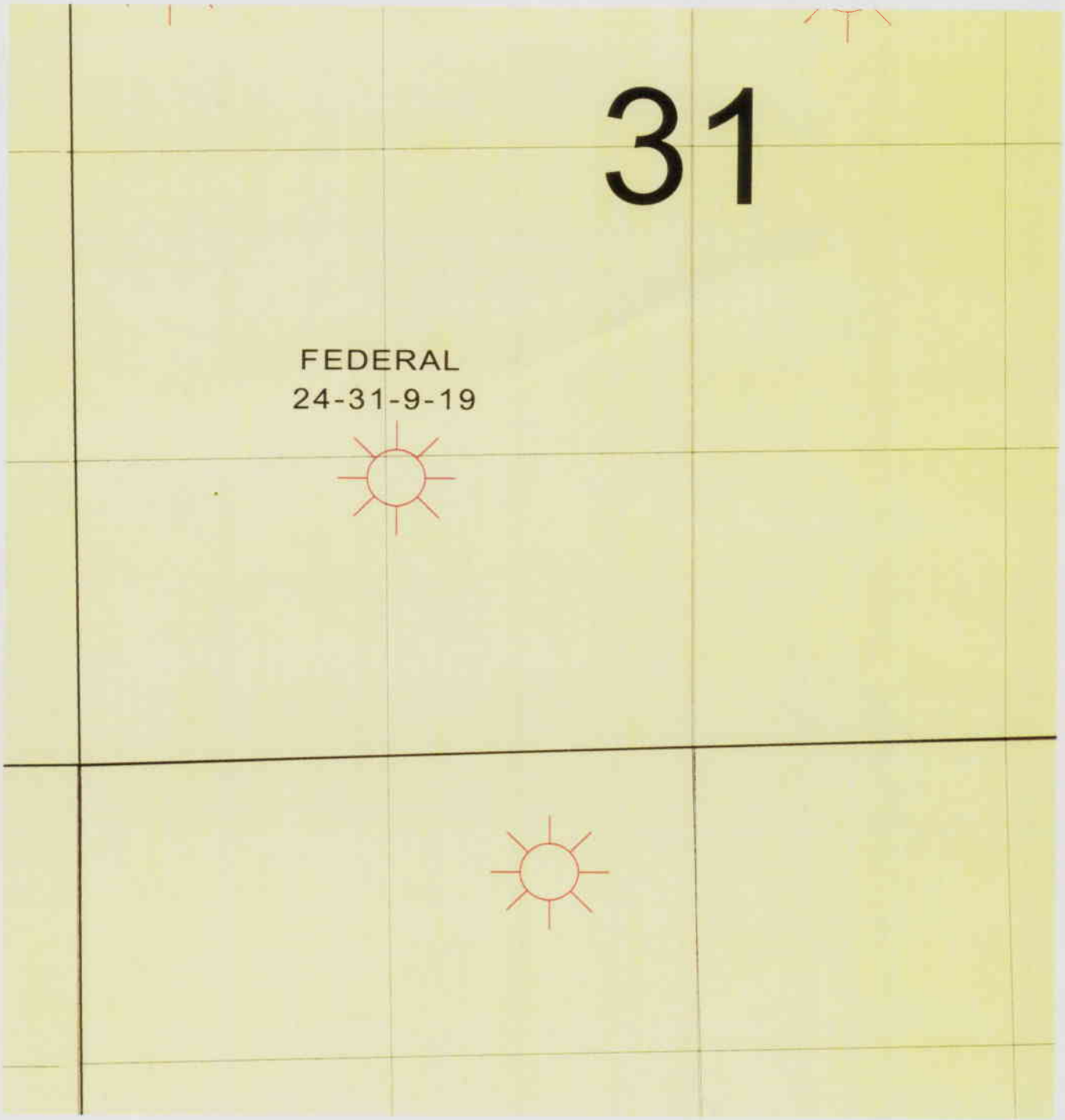
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)*

RECEIVED

MAY 22 2006

DIV. OF OIL, GAS & MINING




0 660 1320 1980 ft

GASCO WELLS

Well Status

GAS

LOC

GASCO LEASES

# COMMINGLING PLAT
## FEDERAL 24-31-9-19
## T9S-R19E SEC 31, UNITA BASIN, UTAH

GASCO Energy

CONFIDENTIAL

GASCO PRODUCTION CO

T09S R19E S-31
43-047-35623

**Federal 24-31-9-19**

**Completion**

6/1/05 RU SLB and ran CBL/CCL/Gamma Ray logs. Found good and excellent bonding into surface csg. DC 23,045 CC 23,045

6/16/05 RU SLB Wireline (Dwayne). **Perforated Stage 1 Blackhawk / Spring Canyon f/ 12270 – 75', 12280 – 85'**, 3 spf w/ 3 1/8" Hivolt guns, 21 gm powerfrac chgs, .44 EHD, 24.9" pen. Found 2280 psi on wellhead, before perforating. Broke down perfs @ 5946 psi @ 5.3 bpm. ISIP 5271. FG .86. Calc 22 holes open / 30. **Fraced w/ 190,620# 20-40 Econoprop, using 2420 bbls YF 125 gel.** Flushed csg w/ 176 bbls. Screened out on flush to 10,000 psi (% bbls short of flush). ISIP N/A after screen out (7350). FG N/A. Opened well up to FB @ 10:25 AM on 10/64" ck w/ 5800 SICP. Cleaned up wellbore and screen out sand. **RIH w/ "perf only" gun to perf BH / Sunnyside.** Having trouble w/ guns, start OOH, then went back in and got it to shoot. **Perfed f/ 11800 – 806'**, POOH. RIH w/ plug and guns to **Perf Stage 2 – BH – Desert / Grassy**. Set FTFP #1 @ 11,751'. Plug chg didn't go off the 1st time. Went the second time. **Perforated 11616 – 20', 11652 – 55', 11730 – 36'**, 3 spf. Last gun took 30 min to get to go off. Broke dn perfs @ 8100 psi @ 5 bpm. ISIP 5120. FG .88. Calc 17 holes open / 39. **Fraced BH Desert / Grassy w/ 20,000# 20-40 reg sd and 74,350# 20-40 Temp DC, using 1710 bbls YF 125 gel.** Flushed w/ 171.3 bbls. ISIP 5120. FG .87. Opened well up to FB @ 9:10 PM on 12/64" ck w/ 4700 SICP. (SCE) DC 1000 CC 24,045

6/17/05 Well flowing this AM @ 4300 FCP on 16/64" ck. Made 1519 bbls in 15.5 hrs. TR 1519. BLWTR 2611. RIH w/ plug and guns to **perf Stage 3 – Lower Mesaverde.** Set FTFP #2 @ 11290'. Perforated **f/ 11011 – 15', 11024 – 29', 11117 – 20', 11270 – 74'**, 3 spf. Pumped into perfs @ 6300 psi @ 7 bpm (no break down). ISIP 4460. FG .84. **Hybrid fraced Stage 3 w/ 24,500# 20-40 reg sd, and 94430# 20-40 Tempered DC, using 2323 bbls WF and YF 118 gel.** Flushed well w/ 162 bbls. ISIP 4480. FG .84. Opened well up to FB @ 10:45 AM on 12/64" ck, w/ 4300 SICP. Cleaned well up to pit. RIH w/ plug and guns to **perf Stage 4 – Lower Mesaverde.** Set FTFP #3 @ 10875'. **Perforated f/ 10728 – 32', 10816 – 20', 10855 – 58'**, 3 spf. Last gun didn't go off. POOH and rebuilt. RIH and went off second run. Fd 4050 SICP. Couldn't break dn perfs @ 9000 psi, worked it, surged off and pumped in. Finally got a break @ 8807 @ 12 bpm. Still treating tight (8100 @ 35.8 bpm). Calc 13 holes open / 33. FG .86. Bilu re-designed frac. **Hybrid fraced Stage 4 w/ 86027# 20-40 Tempered DC, using 2295 bbls WF and YF 118 gel.** ISIP 4850. FG .89. Flushed well w/ 158 bbls. ISIP 4850. FG .89. Opened well up to FB @ 8:50 PM on 12/64" ck w/ 4400 SICP. (SCE) DC 40301 CC 64364

6/18/05 Well flowing this AM @ 3300 FCP on 14/64" ck. Made 1552 bbls in 14.5 hrs. TR 3017. BLWTR 5677. RIH w/ plug and guns to **perforate Stage 5 – Lower Mesaverde.** Set FTFP #4 @ 10614'. **Perforated f/ 10438 – 42', 10494 – 98, 10506 – 510', 10592 – 96'**, 3 spf. Fd 3650 SICP. Pumped into perfs @ 4870 psi @ 6 bpm (no break). ISIP 4250. FG .84. Calc 28 holes open. SD for 20 min, scale frac chem. Pump broke. Resumed frac. **Hybrid fraced Stage 5 w/ 107,430# 20-40 Temp DC, using 2762 bbls YF and WF 118 gel.** Having trouble w/ suction and had to drop rate. Flushed @ 30 bpm w/ 153.7 bbls. ISIP 4265. FG .84. Opened well up to FB @ 2:00 PM w/ 4000 SICP, on 12/64" ck. (SCE) DC 722,992 CC 787,356

6/19/05 Well flowing this AM w/ 1300 FCP on 16/64'' ck. Made 1493 bbls in 18 hrs. TR 4564. BLWTR 6946.

6/20/05 Well flowing this AM w/ 400 FCP on 16/64'' ck. Made 266 bbls in 24 hrs. TR 4830. BLWTR 6680. Unloaded to pit on large ck to try to get FTFP cleared, no success. Need to run tbg and drill out plugs ASAP. Will MIRU Mon or Tues.

6/21/05 Well flowing this AM w/ 300 FCP on 16/64'' ck. Made 71 bbls in 24 hrs. TR 4901. BLWTR 6609.

6/22/05 Well flowing this AM w/ 200 FCP on 16/64'' ck. Made 53 bbls in 24 hrs. TR 4954. BLWTR 6556.

6/23/05 Well flowing this AM w/ 150 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4968. BLWTR 6542.

6/24/05 Well flowing this AM w/ 100 FCP on 16/64'' ck. Made 14 bbls in 24 hrs. TR 4982. BLWTR 6528. MIRU Schlumberger Coil Tubing Unit. W/O N2 Pipe Screen. Load Coil w/ 2% KCl. Pressure Testing @ Report time.

6/25/05 RIH w/ 3 ¾" 4 Blade Mill, 2 7/8" Motor & Jars On 1 ¾" Coil Tubing. Initial circulating Rate on Bottom 1 ¾ bpm KCl & 300scf N2 @ 3300psi. Annular Presure: 1300psi. Tag Plug #4 @ 10580' (Coil Tbg Depth vs KB depth Approx 34' Diff) & Drillout. Cut N2. Circulating Pressures increased to Tbg: 4500psi. Ann: 2300psi. Tag Plug # 3 @ 10840' & Drillout. RIH & Tag Sand Fill @ 11093' (160' Fill) Wash down & Tag Plug #2 @ 11256'. Sand & Debris plugging choke manifolds. Annular Pressure increasing to 3000psi w/ open chokes. Drillout Plug #2. Tag Plug # 1 @ 11710' & Drillout. Annular Pressure increased to 3500psi on 30/64" choke. RIH To Tag PBTD @ 12398' Circ Hole Clean. POOH. Reduce Choke to 16/ 64" @ 4300psi while rigging down Schlumberger. Reduce choke to 14/16" ON. TCP: 4700psi.(CME) DCC: 127815. CCC: 915171

6/26/05 Flowed well for 24 hrs on a 16/64 ck with 4700psi FCP and made 1252MCF and 269 BF. TR-, BLWTR-

9/18/05 Update late costs: DC 122,502 CCC $1,037,673

6/1/06 Update late costs: DC 4851 CCC $1,042,542

**Mobe 2- frac Upper Mesaverde and Wasatch**

6/2/06 MIRU SLB Wireline. RIH w/ 3.61" gauge ring and junk basket to 9900'. No tag or sticky spots. POOH and retrieved +- 20 pcs of metal in basket. Appears to be metal petals from drilling out Baker plugs.

6/3/06 SLB pushed frac date back to Mon, June 5th. Was supposed to frac Thurs, June 1st. Found 300 FCP. **RIH w/ "perf only guns" and shot f/ 9768 – 76', 9716 – 20'.** POOH. RIH w/ plug and guns to **perf Stage 6 – Upper Mesaverde.** Set CBP #1 @ 9140'. **Perforated f/ 8856 – 59', 9005 – 08', 9112 – 16'.** (SCE)

6/6/06 MIRU SLB (Vernal – Brian Goodrich and Matt). Loaded hole w/ 70 bbls. At 4850 STP, plug failed. SD. RIH w/ another CBP #2 and set @ 9135'. (ran 30' past 9140, plug #1 gone). RU to frac again. Loaded w/ 20 bbls. Broke dn perfs @ 4208 psi @ 13.1 bpm. ISIP 3350. FG .81. Calc 19 holes open / 30. **Gel fraced Stg 6 w/ 114,668# (70,000# 20-40 reg white and 44,668# 20-40 SB Excel), using 1963 bbls YF 115 ST gel.** Flushed to perfs @ 130.1 bbls. ISIP 3900. FG .87. No flowback. RIH w/ plug and guns to **perf Stage 7 – Wasatch.** Set FTFP #3 @ 8336'. Psi test plug to 8500 psi, ok. Bled wellbore dn to 4200 psi. **Perfed 8308 – 18'.** Psi dropped. Kicked in 1 pump and pumped into perfs @ 5 bpm @ 2050 psi while pulling OOH. Pumped rest of pre-pad. ISIP 2460. FG .73. **Fraced Stage 7 w/ 26,020# 20-40 reg sd, and 45K# 20-40 SB Excel, using 1325 bbls YF 115 ST gel.** Ran out of sand early. Only got 25 bbls of 5 ppg sd away before runnig out. (Brian thought we were supposed to have extra). Must have pumped both jobs heavy. Flushed csg w/ 122 bbls. ISIP 2950. FG .79. Opened well up to FB @ 3:45 PM on 12/64" ck w/ 3000 SICP. (SCE)

6/7/06 Well flowing this AM @ 500 FCP on 16/64" ck. Made 1119 bbls in 14.75 hrs. TR 1119. BLWTR 2169. (SCE)

6/8/06 Well flowing this AM @ 1500 FCP on 16/64" ck. Made 556 bbls in 24 hrs. TR 1675. BLWTR 1613. Put well dn sales line this AM @ +- 1.1 MMCFD rate. (SCE) DC frac 196,618 CCC $ 1,239,160

6/10/06 MIRU SLB Wireline and finish shooting "perf only" zones f/ 6504 – 12', and 5849 – 54'. (SCE) DC (inc wireline) $36,527 CCC $1,272,687

6/22/06 Move on service unit and rig up. Lay pump and lines, pump 60 bbls and NDFT and NU BOP. Return well to sales and shut down for day. ( Rick w/ Premier / CR) DC $ 3787 CCC $ 1,242,947

6/23/06 Well flowing this AM @ 650 psi, pump 50 bbls to control well. RIH w/ 3 ¾ cone bit, POBS, X-nipple and 266 jts. Tag up @ 8303', rig up swivel and nitrogen. Drill out plug and RIH w/ 26 jts and tag up on CBP. Break circ and drill out plug. well started flowing @ 1750 psi, SDFN. Clean up well and return to sales. (Rick w/ Premier / CR) DC $ 16,629 CCC $ 1,259,576

6/24/06 Well flowing this AM @ 1000 psi. open well up and RIH w/ 87 jts tbg. Tag up @ 11,787' rig up swivel and break circ. Drill put remainder of plugs, RIH w/ 20 jts and tag PBTD @ 12,398'. Circulate bottoms up and POOH laying down w/ 237 jts. Broach tbg and land well @ 5044' w/ 162 jts. ND BOP and NUWH, drop ball and pump off bit @ 1900 psi. RDMO service unit. Clean well up and turn down sales for night. (Rick w/ Premier / CR) DC $ 14,109 CCC $ 1,273,685

9/9/06 MORU service unit, lay pump lines and pump 20 bbls down tbg. NDWH and NU BOP. Return well to sales and shut down for weekend. (Rick w/ Premier / CR ) DC $ 4049 CCC $ 1,277,734

9/12/06 Well flowing this AM @ 300 psi. Pump 20 bbls down tbg and remove hanger. RIH w/ 35 jts and well kicked, pump 20 bbls and RIH w/ 190 jts to 12,354' with no tag. POOH w/ 19 jts and broach tbg. Land well @ 11,764 w/ 368 jts. NDWH and NU BOP, rig up swab and start swabbing. Recover 12 bbls and put tbg to sales for night. SDFD. (Rick w/ Premier / CR) DC $ 6155 CCC $ 1,283,889

9/13/06 Open well up this AM and blow down tbg to tank. Rig up swab and start swabbing. Recover 46 bbls in 18 runs. Well would not flow, FFL 3000' leave tbg to sales and shut down for day. (Rick w/ Premier / CR) DC $ 5869 CCC $ 1,289,758

9/14/06 Open well up and blow down to tank. Unload well and turn down sales, watch well for ½ hour. RDMO service unit. (Rick w/ Premier / CR) DC $ 3745 CCC $ 1,293,503

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-76489
6. If Indian, Allottee, or Tribe Name:
7. If Unit or CA. Agreement Name and/or No.:
8. Well Name and No.: See list below
9. API Well No.:
10. Field and Pool, or Exploratory Area:
11. County or Parish, State:

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)*:

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 wells within this lease 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

*The wells within this lease are:*

*Federal 12-31-9-19 SW NW of Sec 31-T9S-R19E Uintah Cnty, Utah 043-047-36336*
*Federal 24-31-9-19 SE SW of Sec 31-T9S-R19E Uintah Cnty, Utah 043-047-35623*
*Federal 32-31-9-19 SW NE of Sec 31-T9S-R19E Uintah Cnty, Utah 043-047-34201*
*Federal 41-31-9-19 NE NE of Sec 31-T9S-R19E Uintah Cnty, Utah 043-047-35624*

RECEIVED
OCT 2 4 2006
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: 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.
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T09S R19E S-31
43-047-35623

GASCO PRODUCTION CO

**Federal 24-31-9-19**

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6/10/06 MIRU SLB Wireline and finish shooting "perf only" zones f/ 6504 – 12', and 5849 – 54'. (SCE) DC (inc wireline) $36,527 CCC $1,272,687

6/22/06 Move on service unit and rig up. Lay pump and lines, pump 60 bbls and NDFT and NU BOP. Return well to sales and shut down for day. ( Rick w/ Premier / CR) DC $ 3787 CCC $ 1,242,947

6/23/06 Well flowing this AM @ 650 psi, pump 50 bbls to control well. RIH w/ 3 ¾ cone bit, POBS, X-nipple and 266 jts. Tag up @ 8303', rig up swivel and nitrogen. Drill out plug and RIH w/ 26 jts and tag up on CBP. Break circ and drill out plug. well started flowing @ 1750 psi, SDFN. Clean up well and return to sales. (Rick w/ Premier / CR) DC $ 16,629 CCC $ 1,259,576

6/24/06 Well flowing this AM @ 1000 psi. open well up and RIH w/ 87 jts tbg. Tag up @ 11,787' rig up swivel and break circ. Drill put remainder of plugs, RIH w/ 20 jts and tag PBTD @ 12,398'. Circulate bottoms up and POOH laying down w/ 237 jts. Broach tbg and land well @ 5044' w/ 162 jts. ND BOP and NUWH, drop ball and pump off bit @ 1900 psi. RDMO service unit. Clean well up and turn down sales for night. (Rick w/ Premier / CR) DC $ 14,109 CCC $ 1,273,685

w/o 9/9/06 MORU service unit, lay pump lines and pump 20 bbls down tbg. NDWH and NU BOP. Return well to sales and shut down for weekend. (Rick w/ Premier / CR ) DC $ 4049 CCC $ 1,277,734

9/12/06 Well flowing this AM @ 300 psi. Pump 20 bbls down tbg and remove hanger. RIH w/ 35 jts and well kicked, pump 20 bbls and RIH w/ 190 jts to 12,354' with no tag. POOH w/ 19 jts and broach tbg. Land well @ 11,764 w/ 368 jts. NDWH and NU BOP, rig up swab and start swabbing. Recover 12 bbls and put tbg to sales for night. SDFD. (Rick w/ Premier / CR) DC $ 6155 CCC $ 1,283,889

9/13/06 Open well up this AM and blow down tbg to tank. Rig up swab and start swabbing. Recover 46 bbls in 18 runs. Well would not flow, FFL 3000' leave tbg to sales and shut down for day. (Rick w/ Premier / CR) DC $ 5869 CCC $ 1,289,758

9/14/06 Open well up and blow down to tank. Unload well and turn down sales, watch well for ½ hour. RDMO service unit. (Rick w/ Premier / CR) DC $ 3745 CCC $ 1,293,503

w/o 12/30/06 MIRU Maverick and pump 10 bbl foamer pad and 90 SCF of nitrogen down csg. Open well to tank and try to unload. Leave well open to sales and rig down Maverick. (Rick w/ Premier / CR) DC $ 7595 CC $ 1,301,098

1/7/07 MORU service unit. Rig up swab and make 6 run recovering 12 bbls of very gritty water. Leave well open to sales and SDFD. (Rick w/ Premier / CR) DC $ 6362 CC $ 1,307,460

1/9/07 Open well up w/ 80 / 1440. Rig up swab and make 4 runs, recover 16 bbls and well started flowing. Unload well to tank and FTP came up to 800 psi. Drop plunger and waited 1 hr, cycle plunger and recover 4 bbls fluid to tank. RDMO service unit and turn well over to pumpers. (Rick w/ Premier / CR) DC $ 6162 CC $ 1,313,622

API Well No: 43047356230000

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

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-01988OA

## 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:**

**1. TYPE OF WELL**
Gas Well

**8. WELL NAME and NUMBER:**
FEDERAL 24-31-9-19

**2. NAME OF OPERATOR:**
GASCO PRODUCTION COMPANY

**9. API NUMBER:**
43047356230000

**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:**
PARIETTE BENCH

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
1152 FSL 1417 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 31 Township: 09.0S Range: 19.0E Meridian: S

**COUNTY:**
UINTAH

**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: 1/1/2011 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ **SUBSEQUENT REPORT** Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ **SPUD REPORT** Date of Spud: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ 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**
**FOR RECORD ONLY**
01/05/2011

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Jessica Berg | 303 996-1805 | Production Clerk |
| **SIGNATURE** N/A | | **DATE** 12/31/2010 |

RECEIVED December 31, 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<br>7979 E. Tufts Avenue, Suite 11500<br>Denver, CO 80237<br>303-996-1805 | Badlands Production Company N4265<br>7979 E. Tufts Avenue, Suite 11500<br>Denver, CO 80237<br>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 |

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

FORM 9

# SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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: 4/16/2015 | ☐ ALTER CASING | ☐ FRACTURE TREAT | ☐ SIDETRACK TO REPAIR WELL |
| | ☐ 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 |