



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

April 15, 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.**  
**Wilkin Ridge Federal #34-17-10-17**  
**582' FSL and 1921' FEL**  
**SW SE Section 17, T10S - R17E**  
**Duchesne County, Utah**  
**Lease No. UTU-043615**

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.

RECEIVED  
APR 19 2004  
DIV. OF OIL, GAS & MINING

Enc.

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

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-043615**

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

7. If Unit or CA Agreement, Name and No.  
**N/A Wilkin Ridge (Deep)**

8. Lease Name and Well No.  
**Wilkin Ridge Federal #34-17-10-17**

9. API Well No.  
**43-013-32560**

10. Field and Pool, or Exploratory  
**-Wildcat Undesignated**

11. Sec., T., R., M., or Blk, and Survey or Area  
**Section 17, T10S-R17E**

1a. Type of Work:  DRILL  REENTER

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

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface **582' FSL and 1921' FEL 583130 X 39.93830**  
At proposed prod. zone **SW SE 4421152 Y -110.02703**

14. Distance in miles and direction from nearest town or post office\*  
**Approximately 22.8 miles South of Myton, UT**

12. County or Parish **Duchesne** 13. State **UT**

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	<b>582'</b>	16. No. of Acres in lease	<b>2518.88</b>	17. Spacing Unit dedicated to this well	<b>40 Acres</b>
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18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	<b>900'</b>	19. Proposed Depth	<b>13,375'</b>	20. BLM/BIA Bond No. on file	<b>Bond #UT-1233</b>
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21. Elevations (Show whether DF, KDB, RT, GL, etc.)	<b>5969' GL</b>	22. Approximate date work will start*	<b>October-04</b>	23. Estimated duration	<b>35 Days</b>
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**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.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, )<br>SUPO shall be filed with the appropriate Forest Service Office. | 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) <b>Lisa L. Smith</b>	Date <b>4/15/2004</b>
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Title **Authorized Agent for GASCO Energy, Inc./Pannonian Energy, Inc.**

Approved by (Signature)	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>04-22-04</b>
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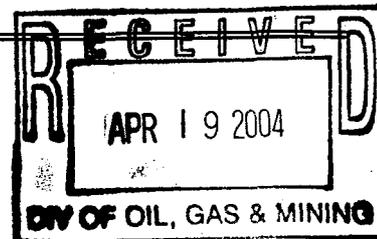
Title <b>ENVIRONMENTAL SCIENTIST III</b>	Office <b>ENVIRONMENTAL SCIENTIST III</b>
--	---

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 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 reverse)

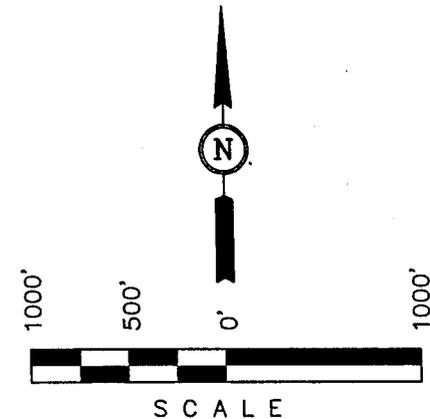
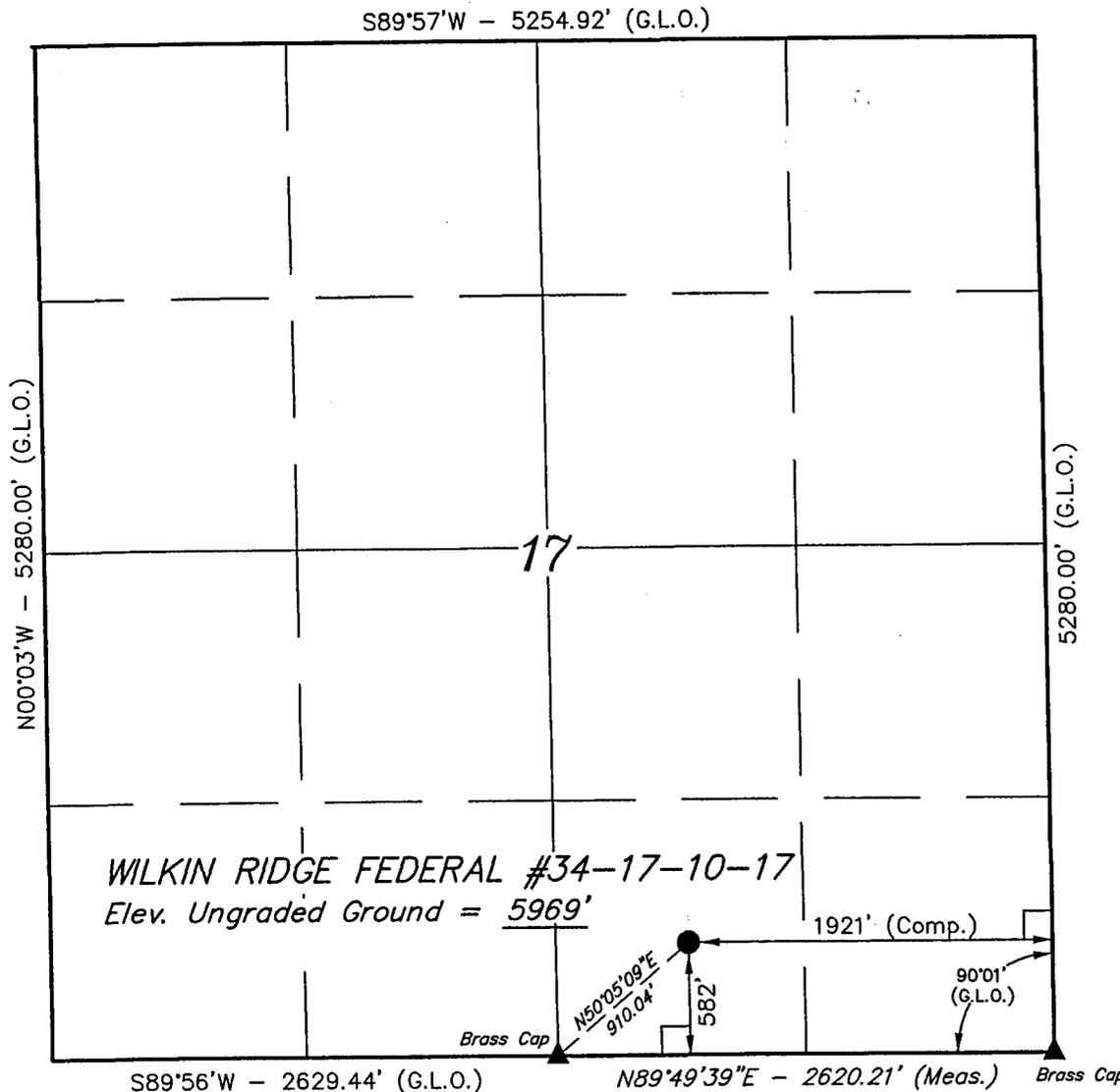


T10S, R17E, S.L.B.&M.

Well location, WILKIN RIDGE FEDERAL #34-17-10-17, located as shown in the SW 1/4 SE 1/4 of Section 17, T10S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE SW 1/4 OF SECTION 20, T10S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6275 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.

161319  
*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

LEGEND:

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

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.  
 (AUTONOMOUS NAD 83)  
 LATITUDE = 39°56'17.80" (39.938278)  
 LONGITUDE = 110°01'39.80" (110.027722)

<b>UNTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 2-23-04	DATE DRAWN: 3-8-04
PARTY B.B. T.H. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE GASCO ENERGY, INC.	

**PLAN OF DEVELOPMENT**  
(Road Access)

Wilkin Ridge Federal #34-17-10-17

~~N/2 NE/4 Sec. 20, T10S - R17E~~ SWSE Sec. 17, T. 10S, R. 17E  
Duchesne County, Utah

Prepared For:

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

By:

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

Copies Sent To:

4 - BLM - Vernal, UT  
2 - Gasco Energy, Inc. - Englewood, CO



**PLAN OF DEVELOPMENT**  
Gasco Energy, Inc./Pannonian Energy, Inc.  
Wilkin Ridge Federal #34-17-10-17

**A. Description of Facility**

**1. Purpose and Need for Facility**

This plan of development is to serve as Gasco Energy, Inc./Pannonian Energy, Inc.'s request for road access to a proposed drill sites (Wilkin Ridge Federal #34-17-10-17) located in the SW SE Sec. 17, T10S - R17E. The road will be utilized for drilling and completion operations and maintenance of production facilities and transportation of fluids.

- a. This proposal involves the upgrading of 500 feet of existing road and the construction of an additional 400 feet of new access until reach the lease boundary of UTU-043615.
- b. The road is proposed as a permanent road. The road will be utilized for 30 years or the entire life of the producing wells.
- c. The road would be used more heavily during initial drilling and completion operations associated with the well. After that time, traffic would be reduced to limited pumper traffic. Approximately one pick up per day would travel on this route. Occasional work over operations may also be required utilizing smaller truck mounted rigs.
- d. The road would be used year round for maintenance of production facilities and occasional transportation of fluids.
- e. The portion of road to be upgraded would begin in the NW NE of Section 20, T9S - R19E and continue southwesterly for 500 feet. The new access would turn northwesterly and run through the NW NE of Section 20, a distance of 400 feet until reaching the lease boundary in the SW SE of Section 17. See Topo Map B attached. The route was flagged at the time of staking and has been reviewed at the onsite inspection by Stan Olmstead.
- f. The width of the right-of-way during construction operations will be 60 feet. The permanent right-of-way width requested is 30 feet.
- g. The term of years needed for this right of way is 30 years with the option to renew.



**2. Facility Design Factors:**

- a. The existing two-track and new access road will be upgraded to BLM 9113 standards.
- b. The maximum grade of the road will be approximately 3%.
- c. The road will be crowned and ditched to allow for proper drainage. No culverts or low water crossings will be necessary.
- d. Surfacing material is not anticipated at this time. However, if surfacing is determined necessary for safe operations (weather dependent), then the road will be surfaced as necessary.
- e. Any surfacing material (gravel) will be purchased from a commercial source. No surfacing material will be removed from Federal lands without first obtaining the necessary permits.
- f. Any excess material will be incorporated into the wellpad (fill slopes) or utilized on the road as necessary.
- g. Construction equipment will be furnished by the selected dirt contractor and will consist of dozers, scrapers, and graders as necessary.
- h. No easements from private land owners will be necessary.

**3. Additional Components of the Right of Way**

- a. The existing upgraded portion of the road is an extension of the Sheep Wash Road..
- b. No additional storage areas would be needed for equipment, stockpiling or vehicle parking.
- c. No other road maintenance agreements are deemed necessary. It appears that this existing two-track road is not currently being used for any other oilfield operations.

- d. No Corps of Engineers Section 404 permits are required.
- e. No other state or local permits are necessary.
- f. No road maintenance agreements will be needed with State or local agencies.

**4. Right of Way Location**

- a. Due to existing nature of the proposed road, and the gentle terrain of the route, a road design will not be required.
- b. For road alignment, see Topo Map B.
- c. BLM Lands to be affected are as follows:

T10S - R17E  
Section 20: N/2 NE/4

- d. The estimated acreage involved for surface disturbance activities on BLM lands is .45 acres (500 feet for x 40 feet wide).

**5. Scheduling**

- a. Construction of the road would begin upon approval of the associated APD. Preferred date to begin construction would be approximately October 15, 2004. Duration of construction would be approximately 2 days.

**6. Rehabilitation after Construction**

- a. The disturbed area outside the travelable road surface area would be rehabilitated as requested by the BLM. It is anticipated that the disturbed area would be graded and recontoured at the time of construction. Reseeding would not be done until final reclamation of the well pad occurred (at the time of abandonment - or reclamation of the areas not required for the production pad).

**7. Termination and Restoration**

- a. When the well is no longer needed for production operations associated with the wells, the road will be ripped, recontoured to its original contours and reseeded.

**8. Construction of the Facility**

- a. No facilities will be constructed in conjunction with this road right of way.

**9. Operation and Maintenance of the Facility**

- a. The road will be maintained as necessary (depending on weather conditions and current traffic conditions) to keep the road in a safe, usable condition
- b. This road will only service one well proposed by Gasco Energy, Inc./Pannonian Energy, Inc. Therefore the need for warning, or directional traffic signs is not deemed necessary.
- c. Snow removal along the approved right of way will be done when necessary to allow access to the proposed production pads. No seasonal closures or controlled access is deemed necessary.

**APPLICATION FOR TRANSPORTATION AND  
 UTILITY SYSTEMS AND FACILITIES  
 ON FEDERAL LANDS**

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

**FOR AGENCY USE ONLY**

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

Application Number
Date filed
3 TELEPHONE (area code)
Applicant <b>303-483-0044</b>
Authorized Agent <b>303/857-9999</b>

1. Name and address of applicant (include zip code)  
**Pannonian Energy, Inc.  
 14 Inverness Drive East, Suite H-236  
 Englewood, CO 80112**

2. Name, title, and address of authorized agent if different from Item 1 (include zip code)  
**Permitco Inc. - Lisa Smith  
 14421 County Road 10  
 Ft. Lupton, CO 80621**

4. As applicant are you? (check one)

a.  Individual

b.  Corporation \*

c.  Partnership/Association \*

d.  State Government/State Agency

e.  Local Government

f.  Federal Agency

*\* If checked, complete supplemental page*

5. Specify what application is for: (check one)

a.  New authorization

b.  Renew existing authorization No.

c.  Amend existing authorization No.

d.  Assign existing authorization No.

e.  Existing use for which no authorization has been received \*

f.  Other \*

*\* If checked, provide details under Item 7*

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

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

a. **Pannonian Energy, Inc. (aka Gasco Production Company) proposes to upgrade an existing road to obtain access to a proposed drillsite (Wilkin Ridge Federal #34-17-10-17) located in the SW SE Sections 17, T10S - R17E, Duchesne County, Utah.**

**The access begins in the southern end of the Sheep Wash Road in the NW NE of Sec. 20, T10S - R17E and proceeds south-westerly for approximately 500 feet. The new access turns right and proceeds northwesterly for approximately 400 feet until reaching the lease boundary (UT-043615).**

**The total length of the proposed ROW (outside of Lease No. UT-043615) is approximately 900 feet. The entire road route will be upgraded to BLM 9113 manual standards. The ROW width requested is 40 feet.**

b. **There are no other facilities associated with the access road.**

c. **The type of system is an access road and well pad.**

d. **The term of years needed is 30 years or the entire life of the well, whichever is longer.**

**(Continued on Page 2)**

8. Attach a map covering area and show location of project proposal **See Topo Map B.**

9. State or local government approval:  Attached  Applied for  Not required

10. Nonreturnable application fee:  Attached  Not required **Please notify us once the category determination has been made.**

11. Does project cross international boundary or affect international waterways?  Yes  No (If "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

**Pannonian Energy, Inc. is technically and financially capable to upgrade, maintain and terminate the proposed access route and well pad.**

- e. The road will be used year round for transportation of fluids and maintenance of facilities.
- f. The volume of product to be transported along the road route is unknown at this time.
- g. Duration of upgrading the existing roadway will be approximately 2 days.
- h. No temporary work areas will be required other than the 30 foot right-of-way and the proposed well pad.
- i. Vegetation will be removed and stockpiled along the road. Topsoil will then be removed and also stockpiled, (separate from the vegetation) along the route.
- j. Refer to Topo Map B the exact alignment of the existing road.
- k. An archeological survey has been conducted on the well pad and the access road. No significant cultural resources were found and clearance for the project has been recommended. A copy of the report is attached.



APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS  
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION  
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers Systems, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved rights-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

**Department of Agriculture**

Regional Forester, Forest Service (USFS)  
Federal Office Building, P.O. Box 21628  
Juneau, Alaska 99802-1628  
Telephone: (907) 586-7847 (or a local Forest Service Office)

**Department of the Interior**

Bureau of Indian Affairs (BIA)  
Juneau Area Office  
9109 Meadenhall Mall Road, Suite 5, Federal Building Annex  
Juneau, Alaska 99802  
Telephone: (907) 586-7177

**Bureau of Land Management (BLM)**

222 West 7th Ave., Box 13  
Anchorage, Alaska 99513-7599  
Telephone: (907) 271-5477 (or a local BLM Office)

**National Park Service (NPS)**

Alaska Regional office, 2525 Gambell St., Rm. 107  
Anchorage, Alaska 99503-2892  
Telephone: (907) 257-2585

**U.S. Fish & Wildlife Service (FWS)**

Office of the Regional Director  
1011 East Tudor Road  
Anchorage, Alaska 99503  
Telephone: (907) 786-3440

Note-Filings with any Interior agency may be filed with any office noted above or with the: Office of the Secretary of the Interior, Regional Environmental Officer, Box 120, 1675 C Street, Anchorage, Alaska 99513.

**Department of Transportation**

Federal Aviation Administration  
Alaska Region AAL-4, 222 West 7th Ave., Box 14  
Anchorage, Alaska 99503-7587  
Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies with that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

**OTHER THAN ALASKA NATIONAL INTEREST LANDS**

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual departments/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

**SPECIFIC INSTRUCTIONS**

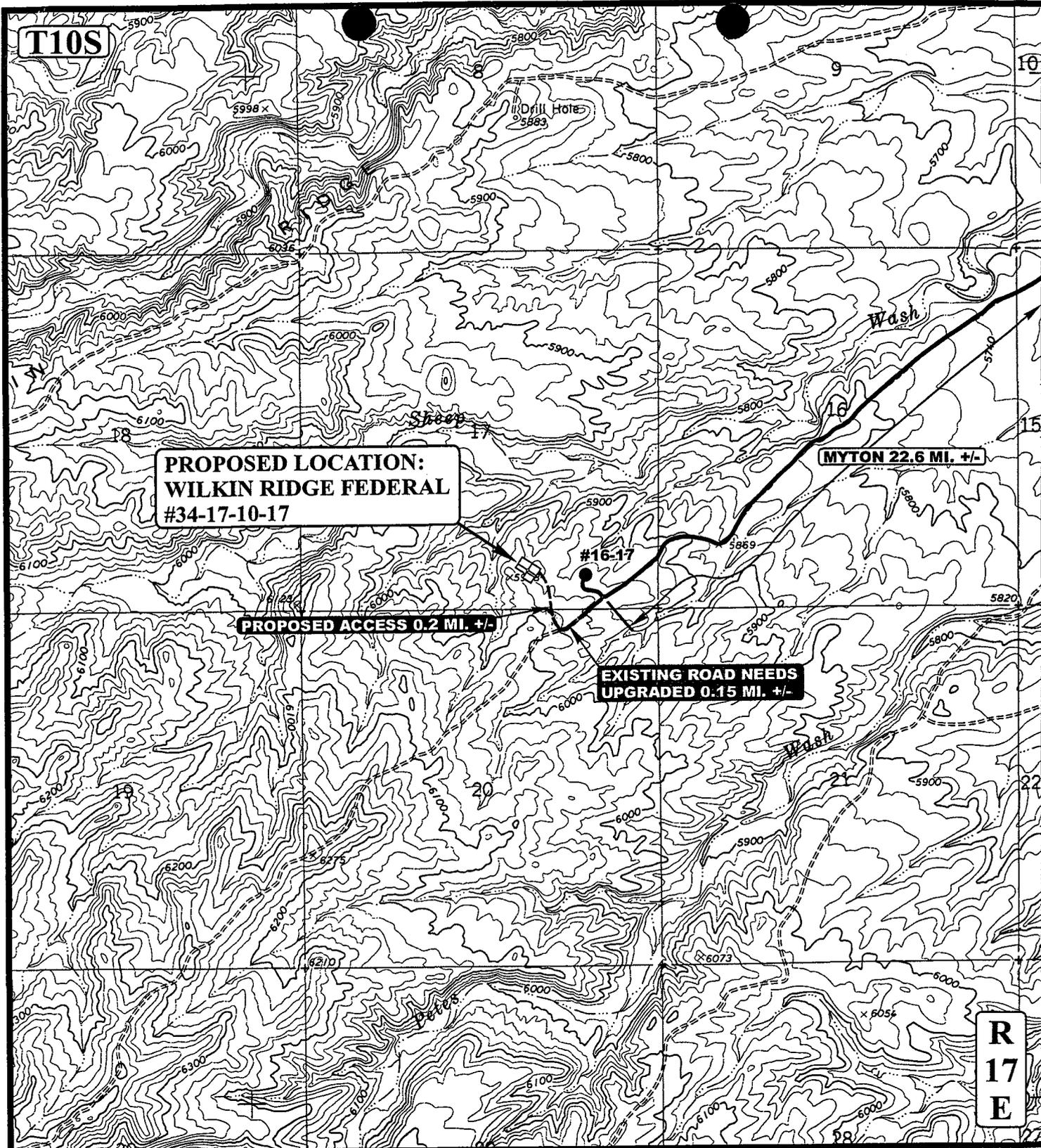
(Items not listed are self-explanatory)

*Item*

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 - The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 19 - Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".



**LEGEND:** — — — — ROAD ROW REQUESTED

- — — — EXISTING ROAD
- - - - PROPOSED ACCESS ROAD
- - - - EXISTING ROAD NEEDS UPGRADED

**GASCO ENERGY, INC.**

**WILKIN RIDGE FEDERAL #34-17-10-17**  
**SECTION 17, T10S, R17E, S.L.B.&M.**  
**582' FSL 1921' FEL**

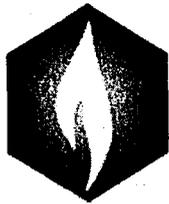
**U&L S** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** 02 25 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B**  
**TOPO**

**GASCO**  
**Energy Inc**



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

Attn: Minerals

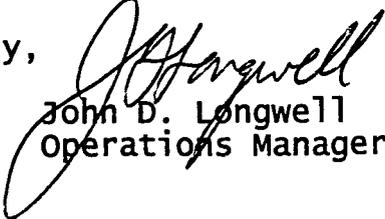
Gentlemen:

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

CONFIDENTIAL - TIGHT HOLE

**ONSHORE OIL & GAS ORDER NO. 1**

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

Wilkin Ridge Federal #34-17-10-17  
582' FSL and 1921' FEL  
SW SE Section 17, T10S - R17E  
Duchesne County, Utah

Prepared For:

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

By:

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

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

**CONFIDENTIAL-TIGHT HOLE**

**RECEIVED**

**APR 19 2004**

**DIV. OF OIL, GAS & MINING**



## 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 ORDER NO. 1  
 GASCO Energy, Inc./Pannonian Energy, Inc.  
Wilkin Ridge Federal #34-17-10-17  
 582' FSL and 1921' FEL  
 SW SE Section 17, T10S - R17E  
 Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-043615

DRILLING PROGRAM

Page 1

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**

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Wasatch	5,195'	780'
Mesa Verde	9,400'	-3,425'
Castlegate	12,095'	-6,120'
Blackhawk	12,375'	-6,400'
Aberdeen	13,075'	-7,100'
T.D.	13,375'	-7,400'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,195'
Gas	Mesaverde	9,400'
Gas	Castlegate	12,095'
Gas	Blackhawk	12,375'
Gas	Aberdeen	13,075'



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.



- i. 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:

<b>Purpose</b>	<b>Depth</b>	<b>Hole Size</b>	<b>O.D.</b>	<b>Weight</b>	<b>Grade</b>	<b>Type</b>	<b>New/Used</b>
Surface	0-225'	17-1/2"	13-3/8"	48#	H-40	---	New
Intermediate	0-3,300'	12-1/4"	9-5/8"	36#	J-55	ST&C	New
Production	0-13,375'	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:

<b>Surface</b>	<b>Type and Amount</b>
0-225'	225 sx Premium Type 5 mixed @ 15.6 ppg, 1.18 yield Cement will be circulated to surface
<b>Intermediate</b>	<b>Type and Amount</b>
0-3,300'	Lead: 490 sx Hi-Fill mixed @ 11 ppg, 3.83 yield Tail: 200 sx Class 'G' mixed @ 15.8 ppg, 1.16 yield Cement will be circulated to surface
<b>Production</b>	<b>Type and Amount</b>
2,500'-13,375'	Lead: 460 sx Lite mixed @ 13.0 ppg, 1.74 yield Tail: 1900 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:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>pH</i>
0 - 225'	Fresh Water	8.33	1	---	7
225' - 3,500'	Fresh Water	8.33	1	---	7-8
3,500' - 13,375'	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-3300' 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 gases) 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 7650 psi. The maximum bottom hole temperature anticipated is 220 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 in October, 2004.



- b. It is anticipated that the drilling of this well will take approximately 35 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.



ONSHORE ORDER NO. 1  
 GASCO Energy, Inc./Pannonian Energy, Inc.  
Wilkin Ridge Federal #34-17-10-17  
 582' FSL and 1921' FEL  
 SW SE Section 17, T10S - R17E  
 Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-043615

DRILLING PROGRAM

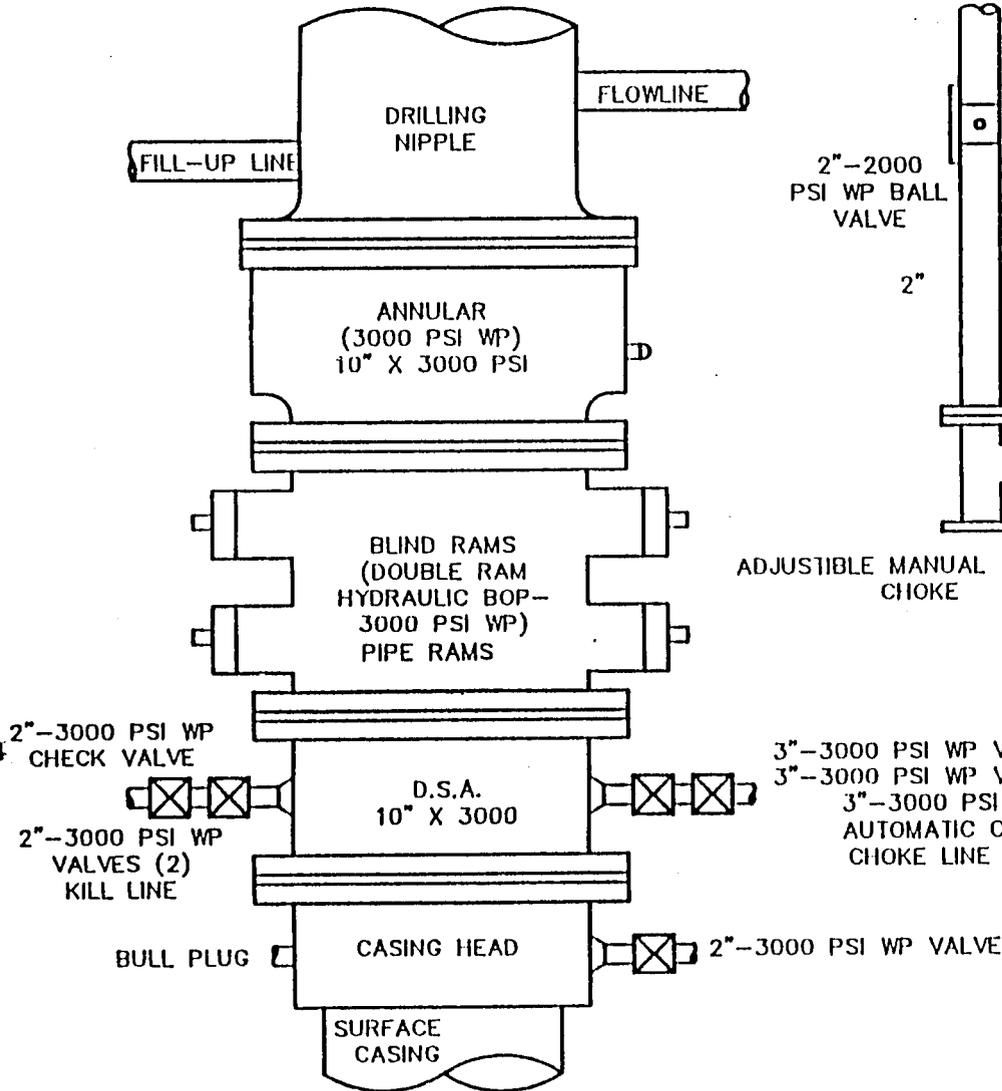
Page 10

- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

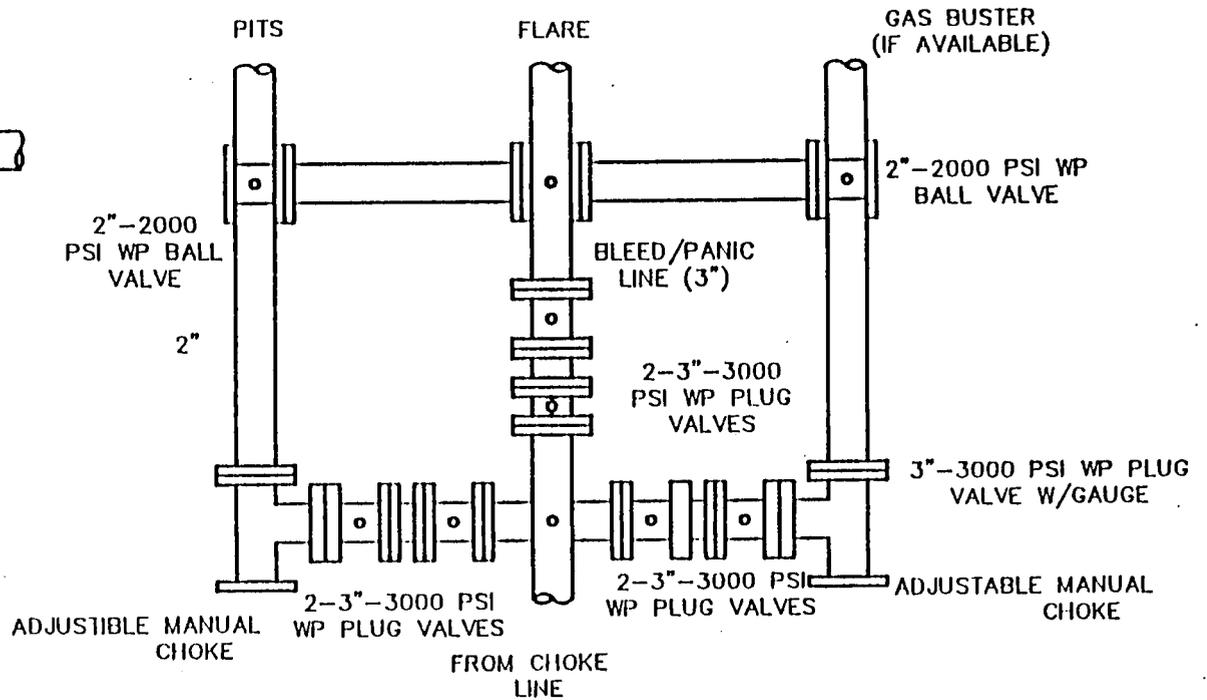
Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400	After Hours:	Fax: 435/781-4410
Ed Forsman	Petroleum Engineer	435/828-7874
Kirk Fleetwood	Petroleum Engineer	435/828-7875



**BOP SCHEMATIC**  
3000 PSI WORKING PRESSURE



**PLAN VIEW CHOKE MANIFOLD**



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

TYPICAL BOP EQUIPMENT. ACTUAL CONFIGURATION MAY VARY SLIGHTLY.

**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 March 24, 2004 at approximately 3:15 p.m. Weather conditions were breezy, warm and sunny. 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 22.8 miles south of Myton, Utah.
- b. Directions to the location from Myton, Utah are as follows:



Proceed in a southeasterly direction from Myton, Utah for approximately 12.7 miles to the Castle Peak Mine. Stay right and continue southerly for 6.6 miles to a fork in the road. Turn left and proceed south 1.2 miles to another fork. Turn right again and proceed southwesterly for 2.1 miles. Turn right onto the new access road and proceed 0.2 miles northwesterly to the proposed 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 0.15 miles of road will be upgraded and 0.2 miles of new road will be constructed.
- b. The maximum grade of the new construction will be approximately 4%.
- c. No turnouts are planned.
- d. No low water crossings or culverts will be necessary.
- e. The last 0.2 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. A right of way will be required for approximately 1100 feet of access outside of Lease No. UTU-043615. Attached is the SF-299 road right of way application.

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 - one



- d. Drilling wells - none
- e. Shut-in wells - one
- f. Temporarily abandoned wells - none
- g. Disposal wells -none
- h. Abandoned wells - none
- i. Dry Holes - none

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. For location of proposed production facilities, see Production Facility Diagram attached.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will



be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.
- m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- n. Pipelines will follow the route shown on Map D. See Pipeline detail attached. A pipeline right of way application is attached.

**5. LOCATION AND TYPE OF WATER SUPPLY**

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



- b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

**6. SOURCE OF CONSTRUCTION MATERIAL**

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

**7. METHODS OF HANDLING WASTE DISPOSAL**

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.



- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

**8. ANCILLARY FACILITIES**

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

**9. WELL SITE LAYOUT**

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the south 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 west side of the location, between Corners 6 and 8. Topsoil along the access route will be wind rowed on the uphill side.
- e. Access to the well pad will be from the 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.

<i>Species</i>	<i>Pounds PLS/Acres</i>
Shadscale	4
Black sage	1
Galletta grass	4
Blue Gramma	2
TOTAL	11

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.



ONSHORE ORDER NO. 1  
GASCO Energy, Inc./Pannonian Energy, Inc.  
Wilkin Ridge Federal #34-17-10-17  
582' FSL and 1921' FEL  
SW SE Section 17, T10S - R17E  
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-043615

SURFACE USE PLAN

Page 12

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 15, 2004  
Date: \_\_\_\_\_

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



**APPLICATION FOR TRANSPORTATION AND  
 UTILITY SYSTEMS AND FACILITIES  
 ON FEDERAL LANDS**

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

**FOR AGENCY USE ONLY**

Application Number

Date filed

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

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

**Pannonian Energy, Inc.  
 14 Inverness Drive East, Suite H-236  
 Englewood, CO 80112**

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

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

3 TELEPHONE (area code)

Applicant

**303-483-0044**

Authorized Agent

**303/857-9999**

4. As applicant are you? (check one)

- a.  Individual
- b.  Corporation \*
- c.  Partnership/Association \*
- d.  State Government/State Agency
- e.  Local Government
- f.  Federal Agency

\* If checked, complete supplemental page

5. Specify what application is for: (check one)

- a.  New authorization
- b.  Renew existing authorization No. \_\_\_\_\_
- c.  Amend existing authorization No. \_\_\_\_\_
- d.  Assign existing authorization No. \_\_\_\_\_
- e.  Existing use for which no authorization has been received \*
- f.  Other \*

\* If checked, provide details under Item 7

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

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

**a. Pannonian Energy, Inc. (aka Gasco Production Company) proposes to construct a pipeline that will service one well (Wilkin Ridge Federal #34-17-10-17) located in the SW SE Sec. 17, T10S - R17E. The pipeline row will begin at the south edge of Sec. 17, T10S - R17E and travel southerly a distance of approximately 14,000 feet through Sections 20, 29, 31 and 32 until reaching a tie-in point at the #12-32 well located in the SW NW Sec. 32, T10S - R17E.**

**b. See Attached Plan of Development for additional Pipeline details. All related structures or facilities will be located on the drillsite lease or within the pipeline right of way.**

**c. The off-lease portion of the pipeline is approximately 14,000 feet in length. Vegetation along the route will be removed as necessary to prevent fire danger during welding operations. Approximately 8,350 feet of the pipeline follows the existing roadway. The pipeline will be laid on the surface with the exception road crossings.**

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

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

(Continued on Page 2)

8. Attach a map covering area and show location of project proposal **See Topo Map D Attached.**

9. State or local government approval:  Attached  Applied for  Not required

10. Non-returnable application fee:  Attached  Not required **To be submitted when requested by BLM.**

11. Does project cross international boundary or affect international waterways?  Yes  No (If "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

**Pannonian Energy, Inc. is technically and financially capable to construct, operate and maintain the proposed pipeline.**

RIGHT OF WAY APPLICATION (Pipeline)  
Gasco Energy, Inc./Pannonian Energy, Inc.  
Wilkin Ridge Federal #34-17-10-17  
Sections ~~28~~, 29, 32 T10S - R17E  
Duchesne County, Utah

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Page 1

- f. The estimated amount of gas to be transported through this line is 2000 MCPD.
- g. The duration of construction will be approximately 7 days.
- h. No temporary work areas will be required.

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS  
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION  
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers Systems, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved rights-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

**Department of Agriculture**

Regional Forester, Forest Service (USFS)  
Federal Office Building, P.O. Box 21628  
Juneau, Alaska 99802-1628  
Telephone: (907) 586-7847 (or a local Forest Service Office)

**Department of the Interior**

Bureau of Indian Affairs (BIA)  
Juneau Area Office  
9109 Meadenhall Mall Road, Suite 5, Federal Building Annex  
Juneau, Alaska 99802  
Telephone: (907) 586-7177

**Bureau of Land Management (BLM)**

222 West 7th Ave., Box 13  
Anchorage, Alaska 99513-7599  
Telephone: (907) 271-5477 (or a local BLM Office)

**National Park Service (NPS)**

Alaska Regional office, 2525 Gambell St., Rm. 107  
Anchorage, Alaska 99503-2892  
Telephone: (907) 257-2585

**U.S. Fish & Wildlife Service (FWS)**

Office of the Regional Director  
1011 East Tudor Road  
Anchorage, Alaska 99503  
Telephone: (907) 786-3440

Note-Filings with any Interior agency may be filed with any office noted above or with the: Office of the Secretary of the Interior, Regional Environmental Officer, Box 120, 1675 C Street, Anchorage, Alaska 99513.

**Department of Transportation**

Federal Aviation Administration  
Alaska Region AAL-4, 222 West 7th Ave., Box 14  
Anchorage, Alaska 99503-7587  
Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies with that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

**OTHER THAN ALASKA NATIONAL INTEREST LANDS**

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual departments/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

**SPECIFIC INSTRUCTIONS**

(Items not listed are self-explanatory)

*Item*

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 - The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 19 - Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

**PLAN OF DEVELOPMENT**  
Gas Pipeline

**Wilkin Ridge Federal #34-17-10-17**  
SW SE Sec. 17, T10S - R17E  
Duchesne County, Utah

Prepared For:

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

By:

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

Copies Sent To:

4 - BLM - Vernal, UT  
2 - Gasco Energy, Inc. - Englewood, CO

## **PLAN OF DEVELOPMENT - PIPELINE ROW**

Gasco Energy, Inc./Pannonian Energy, Inc.

Wilkin Ridge Federal #34-17-10-17

### **A. Description of Facility**

#### **1. Purpose and Need for Facility**

The purpose and need for the proposed pipeline is to transport gas from a proposed well (Wilkin Ridge Federal #34-17-10-17) to a proposed tie-in point located at the #12-32 in the SW NW Sec. 32, T10S - R17E.

- a. The type of product to be transported through the line would be gas. The amount to be transported would be approximately 2000 MCFPD.
- b. The type of pipeline is a gathering line.
- c. Production from the line will come from the Federal #34-17-10-17 (UTU-043615) which is proposed, and has not been drilled.
- d. The pipeline will originate at the #34-17-10-17 well located in the SW SE Sec. 17, T10S - R17E and proceed southerly a distance of 14,500 feet to the tie-in point at the #12-32, as shown on Map D.
- e. The use of this line would be permanent.
- f. The term of the right of way would be 30 years, or the entire life of the producing wells.
- g. The right of way width requested is 30 feet. No other temporary work areas will be necessary.

#### **2. Facility Design Factors:**

- a. The type of pipeline will be steel.
- b. The outside diameter of the pipeline will be 8 inches. The pipeline will be allowed to rust to better blend in with the surrounding environment.
- c. The pipeline will be laid on the surface.

## PLAN OF DEVELOPMENT

Gasco Energy, Inc./Pannonian Energy, Inc.

### Wilkin Ridge Federal #34-17-10-17

Section 20, 29, 31, 32, T10S-R17E

Duchesne County, Utah

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- d. The pipe will be laid on the surface and welded in place with a welding truck. Or, the pipeline may be welded in place and drug along the pipeline route into place.
- e. No other power lines, communication lines, water lines or objects will be associated with this pipeline right of way.
- f. The pipeline will cross two lease roads as shown on Map D. The pipeline will be buried underneath the access road.
- g. No other earth work will be required.
- h. The length of the pipeline from the #34-17-10-17 will be 14,500 feet.
- i. The width of the permanent right of way will be 30 feet. The width of the right of way for construction purposes will be 50 feet.
- j. A meter house will be located on the well pad next to the separator. If a pig launcher is necessary it would be located on the well pad for the #34-17-10-17. A pig catcher may be located at the tie-in point at the #12-32. All associated facilities would be painted a neutral color to blend with the environment.
- k. The method of coupling would be welded.

### 3. Right of Way Location

- a. BLM lands to be affected by this pipeline are as follows:

#### T10S - R17E

Sec. 20:	W/2 E/2, SE SW
Sec. 29:	E/2 NW/4, N/2 SW/4, SW SW
Sec. 31:	NE NE
Sec. 32:	W/2 NW/4

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

- a. No rehabilitation of the proposed right of way is anticipated, since the pipeline will be laid on the surface. If large vegetation is removed, it will be stockpiled along the

**PLAN OF DEVELOPMENT**

Gasco Energy, Inc./Pannonian Energy, Inc.

**Wilkin Ridge Federal #34-17-10-17**

Section 20, 29, 31, 32, T10S-R17E

Duchesne County, Utah

Page 3

outside edge of the right of way. No re-seeding, erosion control or slope stabilization is anticipated, however, if will be done if required by the BLM.

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

**5. Termination and Restoration**

- a. When the grant terminates, the line would be pulled and disposed of as required by BLM.
- b. It will not be necessary to rehabilitate the right of way since this is a surface line and vegetation will have grown around the line.

**6. Scheduling**

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

**7. Staging Areas**

- a. The need for staging areas is not anticipated, other than the proposed well pad located at the each end of the pipeline.

Cultural Study Tract, Uintah County, Northeastern Utah with a Regional Predictive Model for Site Locations (Chandler and Larralde 1980).

### **Study Objectives**

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

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

### **Field Methods**

A Class III, 100% pedestrian, cultural resources survey of the proposed well locations and compressor site was made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related 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.

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 from the findings of the previous inventories, no cultural resources were encountered during the survey. Accordingly, archaeological clearance is recommended.

## References

Larralde, Signa L. and Susan M. Chandler

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

Rigby, J. Keith

1976 Northern Colorado Plateau. Kendall/Hunt Publishing Company. Dubuque.

**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 resources inventory for Gasco, Inc. of three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah for Gasco, Inc.**

State Proj. No. **U04-GB-0270bs**

Report Date: **31 March 2004**

County(ies): **Uintah and Duchesne**

Principal Investigator: **Carl E. Conner**

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

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

Acreage Surveyed ~ Intensive: **87.5 acres**

Recon/Intuitive: **0 acres**

7.5' Series USGS Map Reference(s): **Wilkin Ridge 1965, Moon Bottom 1985**

<b>Sites Reported</b>	<b>Count</b>	<b>Smithsonian Site Numbers</b>
<b>Archaeological Sites</b> Revisits (no inventory form update)	0	
Revisits (updated IMACS site inventory form attached)	0	
New recordings (IMACS site inventory form attached)	0	
Total Count of Archaeological Sites	0	
<b>Historic Structures</b> (USHS 106 site info form attached)	0	
<b>Total National Register Eligible Sites</b>	0	

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

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



**Summary Report of Cultural  
Resources Inspection**

**Project No.: U04-GB-0270bs  
[GRI Project No. 2406]**

1. Report Title: **Class III cultural resources inventory for Gasco, Inc. of three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah**

2. Report Date: **03/31/2004**

3. Date(s) of Survey: **24<sup>th</sup> - 25<sup>th</sup> 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. 10 S., R. 18 E., Sections 14 and 23; and, T. 10 S., R. 17 E.,  
Sections 17, 20, 29 and 32 S.L.B.M.**

10. Record Search:

Location of Records Searched for BLM: **BLM Vernal/UDSH**

Date: **03/24/2004**

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 well location was made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related access and pipeline route not included within the 10-acre study plots were surveyed by walking four parallel transects spaced at 10m intervals and centered on the flagged lines to cover corridors 100 feet wide. A total of about 87.5 acres was intensively surveyed.**

13 Area Surveyed:	BLM	OTHER FED	STATE	PRI
<b>Linear Miles</b> Intensive:	<b>4.26 miles</b>		<b>0.3 miles</b>	
Recon/Intuitive:				
<b>Acreage</b> Intensive:	<b>40 acres</b>			
Recon/Intuitive:				

14. Sites Recorded:

Smithsonian Site Numbers	#	BLM	OTHER FED	STATE	PRI
<b>Revisits</b> NR Eligible	0				
(no IMACS form) Not Eligible	0				
<b>Revisits</b> NR Eligible	0				
updated IMACS) Not Eligible	0				
<b>New Recordings</b> NR Eligible	0				
Not Eligible	0				
Total Number of Archaeological Sites	<b>0</b>				
Historic Structures (USHS Form)	<b>0</b>				
Total National Register Eligible Sites	<b>0</b>				

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**  
**Three Proposed Well Locations, Compressor Site, Related Access, and Pipeline Routes**  
**[Island Fed.#s 22-14-10-18 and #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17]**  
**in Uintah and Duchesne Counties, Utah**  
**for**  
**Gasco, Inc.**

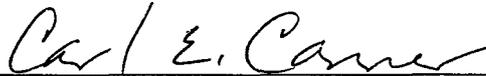
Declaration of Negative Findings

GRI Project No. 2406

31 March 2004

Prepared by

Grand River Institute  
P.O. Box 3543  
Grand Junction, Colorado 81502  
BLM Antiquities Permit No. 03UT-54939 [04UT54939]  
UDSH Project Authorization No. U04-GB-0270bs



---

Carl E. Conner, Principal Investigator

Submitted to

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

## **Abstract**

Grand River Institute conducted a Class III cultural resources inventory for Gasco, Inc. of three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah, under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U04-GB-0270bs. This work was done to meet requirements of Federal and State laws that protect cultural resources.

Files searches conducted through the BLM Vernal District Office (BLM) on 24 March 2004 and through UDSH indicated no sites were previously recorded in the project areas. Field work was performed on the 24<sup>th</sup> and 25<sup>th</sup> of March 2004. A total of about 87.5 acres ( BLM 83.75, State 3.75) was inspected. As a result, no cultural resources were identified. Accordingly, archaeological clearance is recommended for the proposed wells, compressor site, roads, and pipelines.

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<b>References</b> .....	6

## 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 three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah, under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U04-GB-0270bs. Files searches conducted through the BLM Vernal District Office (BLM) on 24 March 2004 and through UDSH indicated no sites were previously recorded in the project areas. Field work was performed on the 24<sup>th</sup> and 25<sup>th</sup> of March 2004. A total of about 87.5 acres (BLM 83.75, State 3.75) 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 40.0 miles southwest of Vernal, Utah, in Uintah and Duchesne Counties. The proposed wells, new access roads and pipeline routes are located in T. 10 S., R. 18 E., Sections 14 and 23; and, T. 10 S., R. 17 E., Sections 17, 20, 29 and 32, 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
Island Fed. #22-14-10-18	0.23 mile access reroute 0.5 mile pipeline/access	T. 10 S., R. 18 E., Section 14
Island Fed. #33-14-10-18	.07 mile pipeline/access	T. 10 S., R. 18 E., Section 14
Compressor site	.33 mile access upgrade	T. 10 S., R. 18 E., Section 23
Wilkin Ridge Fed. #34-17-10-17	.07 mile pipeline/access 2.73 mile pipeline	T. 10 S., R. 17 E., Sections 17 SW NE, 20, 29, and 32.

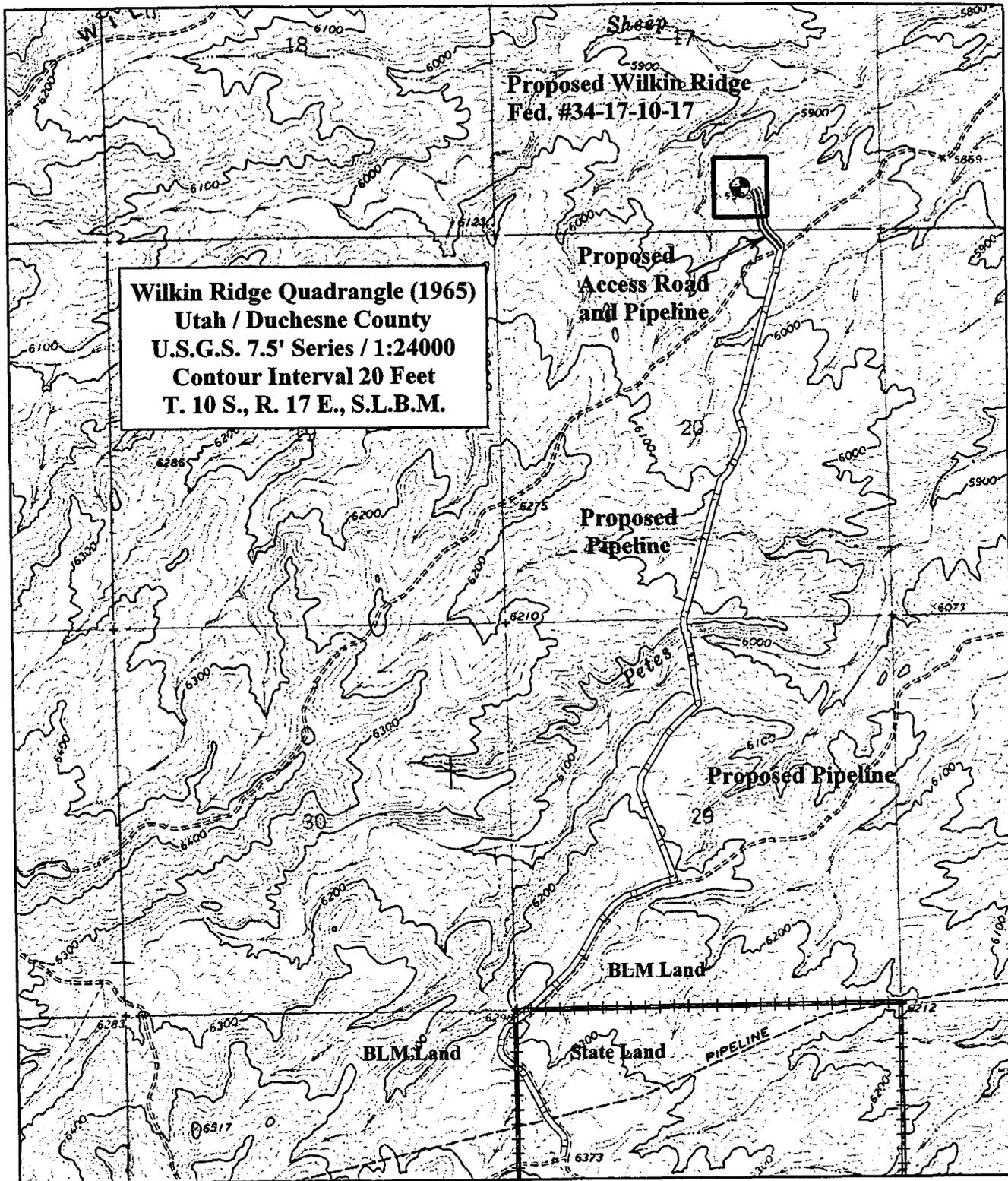


Figure 1. Project location map (map 1 of 2) for the Class III cultural resources inventory of three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah, for Gaso, Inc. Areas inventoried are highlighted. [GRI Proj. No 2406, U04-GB-0270bs]

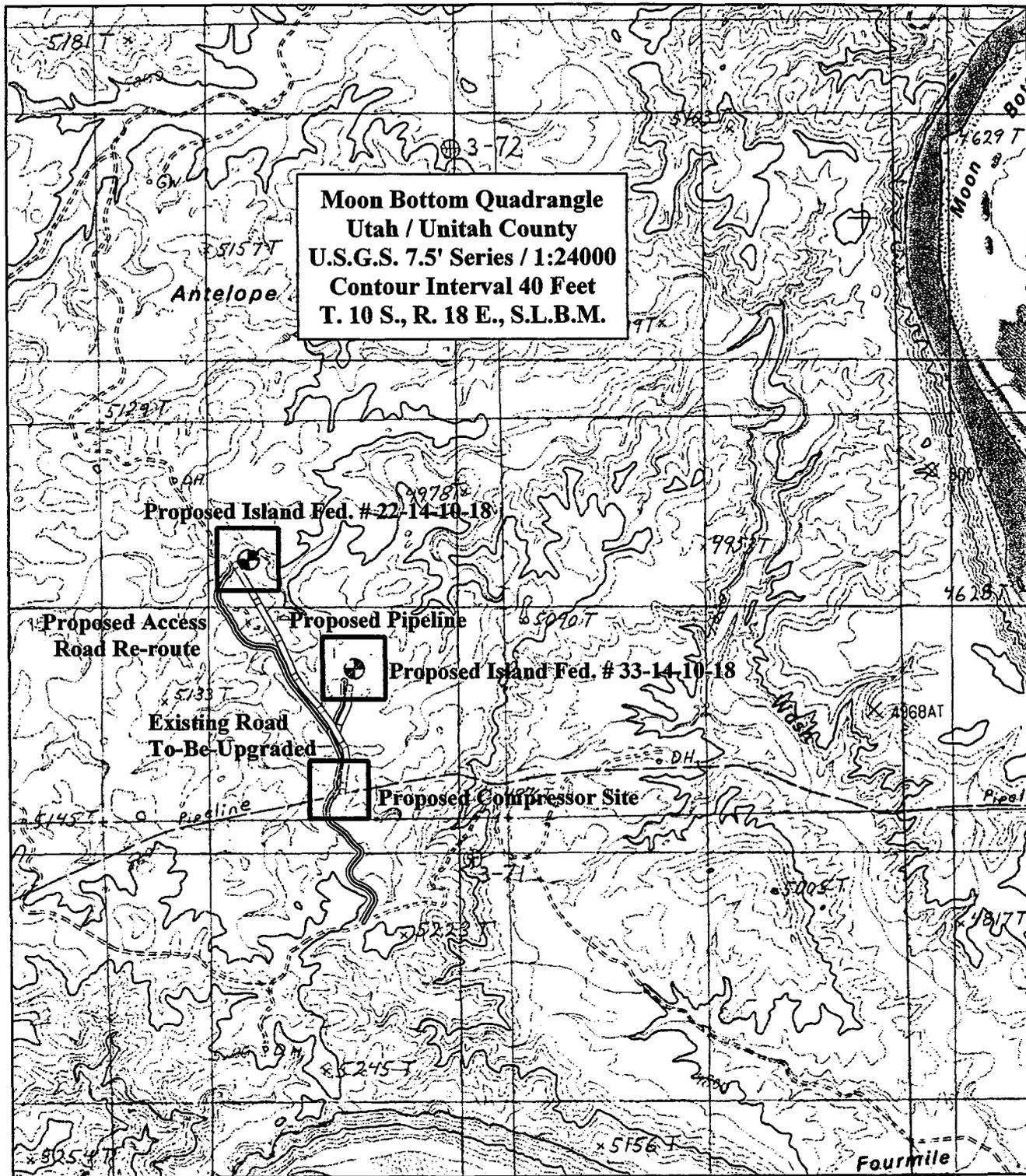


Figure 2. Project location map (map 2 of 2) for the Class III cultural resources inventory of three proposed well locations (Island Fed. #22-14-10-18 and Island Fed. #33-14-10-18, Wilkin Ridge Fed. #34-17-10-17), a compressor site, related accesses and pipeline routes in Uintah and Duchesne Counties, Utah, for Gaso, Inc. Areas inventoried are highlighted. [GRI Proj. No 2406, U04-GB-0270bs]

## **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 5000-to-6300 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 raptors. 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**

Files searches were conducted through BLM and UDSH. Previous projects in the areas near the proposed Wilkin Ridge #34-17-10-17 well and related pipeline and short new access include 81UT-280, U90UB-346b, U91GB-101b, U98SC-214b, U98SC-355b, U99MM-057b, U99SC-357b, and U03GB-252s. No cultural resources were included by those projects. Four projects were conducted in the general area of the remaining wells and compressor site. These include U88BL-421b, U00AY-804b, U01MQ-288b, and U01AY-596s. Only one site has been recorded within a mile of the project area, 42UN1381, a rock art site about 0.30 mile away in a canyon.

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

**T10S**

**PROPOSED LOCATION:  
WILKIN RIDGE FEDERAL  
#34-17-10-17**

**PROPOSED ACCESS ROAD**

**#16-17**

**PROPOSED PIPELINE**

**#21-29**

**TIE-IN POINT**

**#12-32**

**R  
17  
E**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 14,500' +/-**

**LEGEND:**  PIPELINE ROW REQUESTED

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



**GASCO ENERGY, INC.**

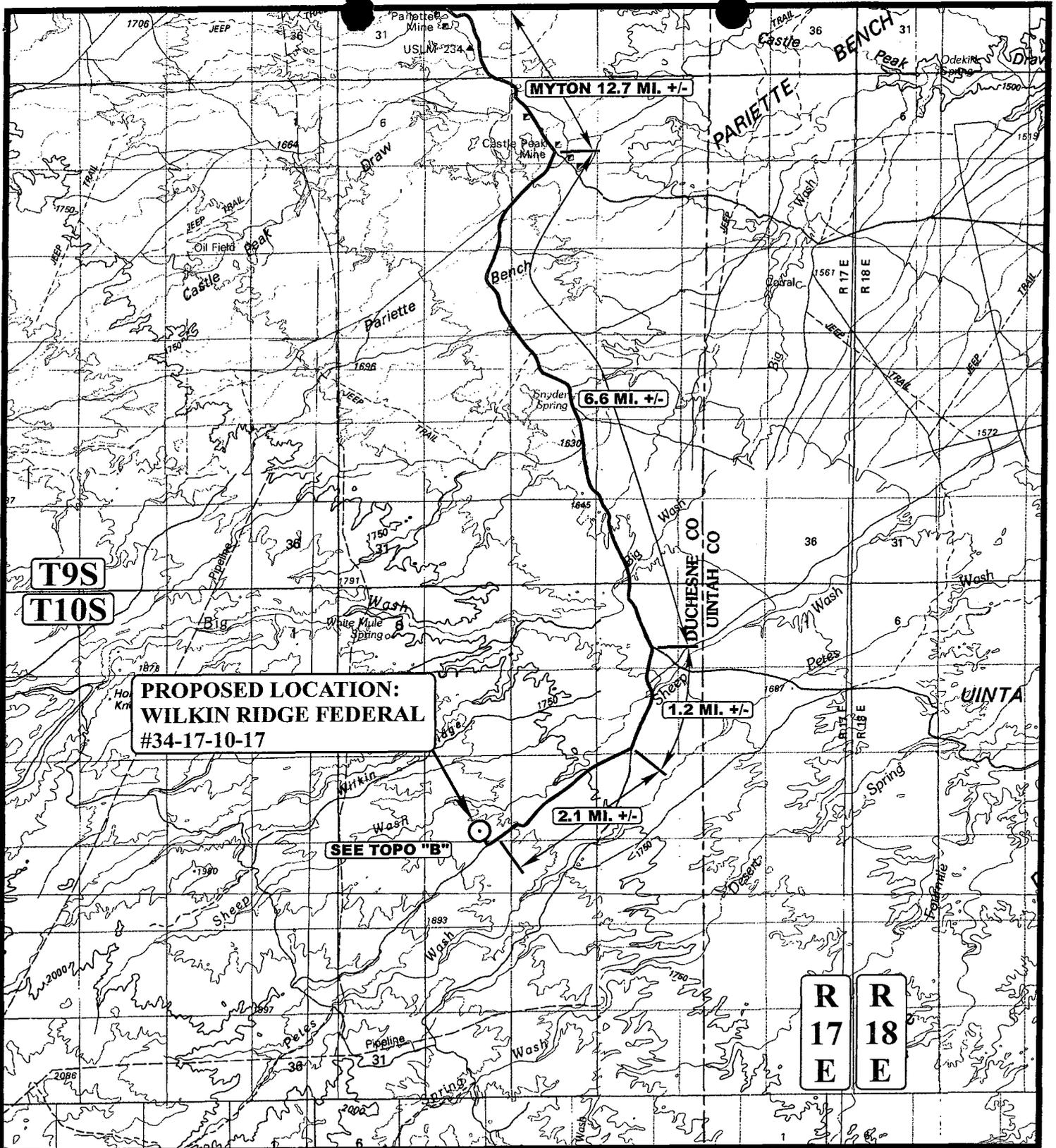
**WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.  
582' FSL 1921' FEL**



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

<b>TOPOGRAPHIC</b>	<b>02</b>	<b>25</b>	<b>04</b>
<b>MAP</b>	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: P.M.		REVISED: 00-00-00

**D  
TOPO**



**PROPOSED LOCATION:  
WILKIN RIDGE FEDERAL  
#34-17-10-17**

**SEE TOPO "B"**

**LEGEND:**

⊙ PROPOSED LOCATION



**GASCO ENERGY, INC.**

**WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.  
582' FSL 1921' FEL**



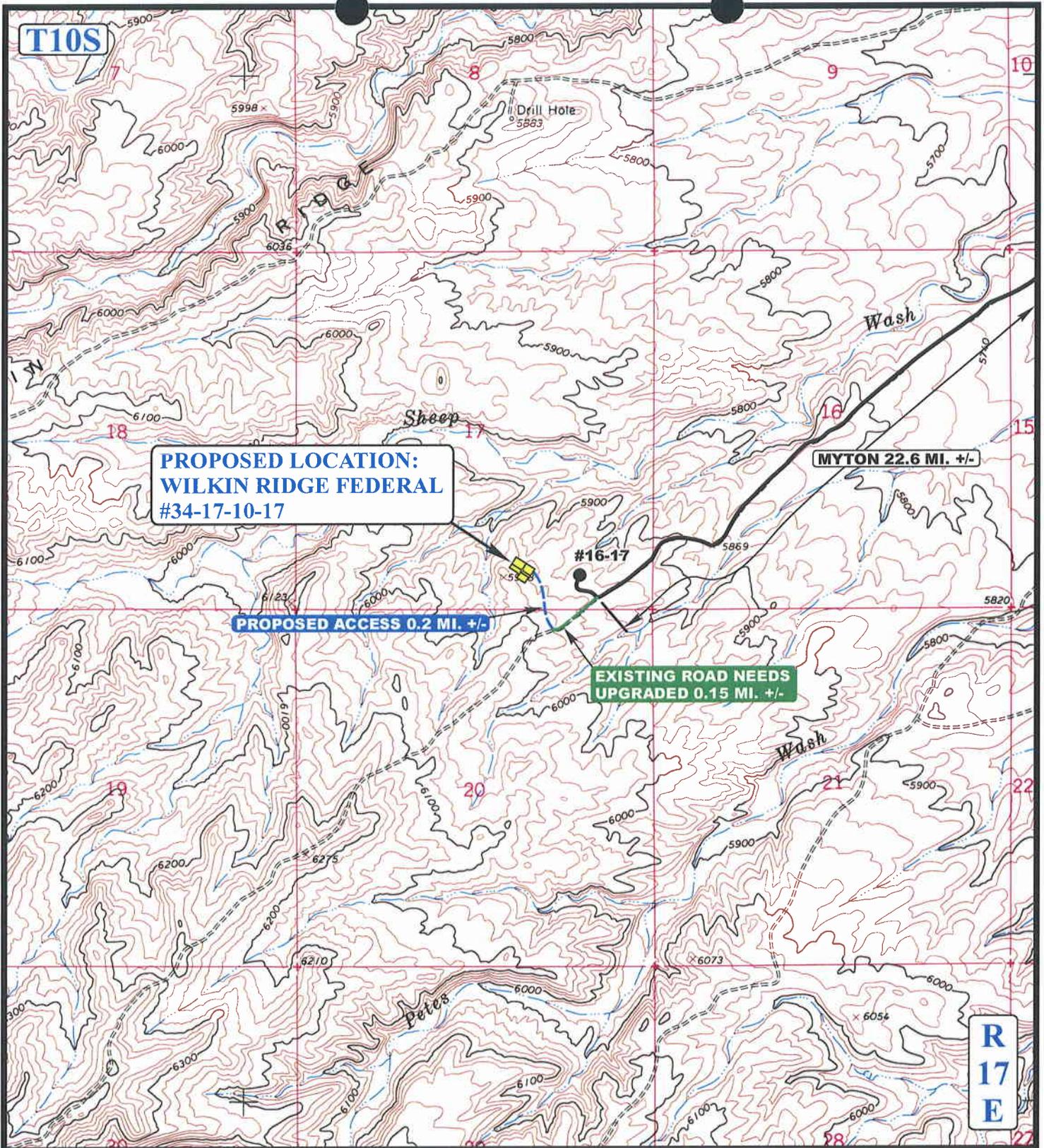
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**

**02 25 04**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING ROAD NEEDS UPGRADED

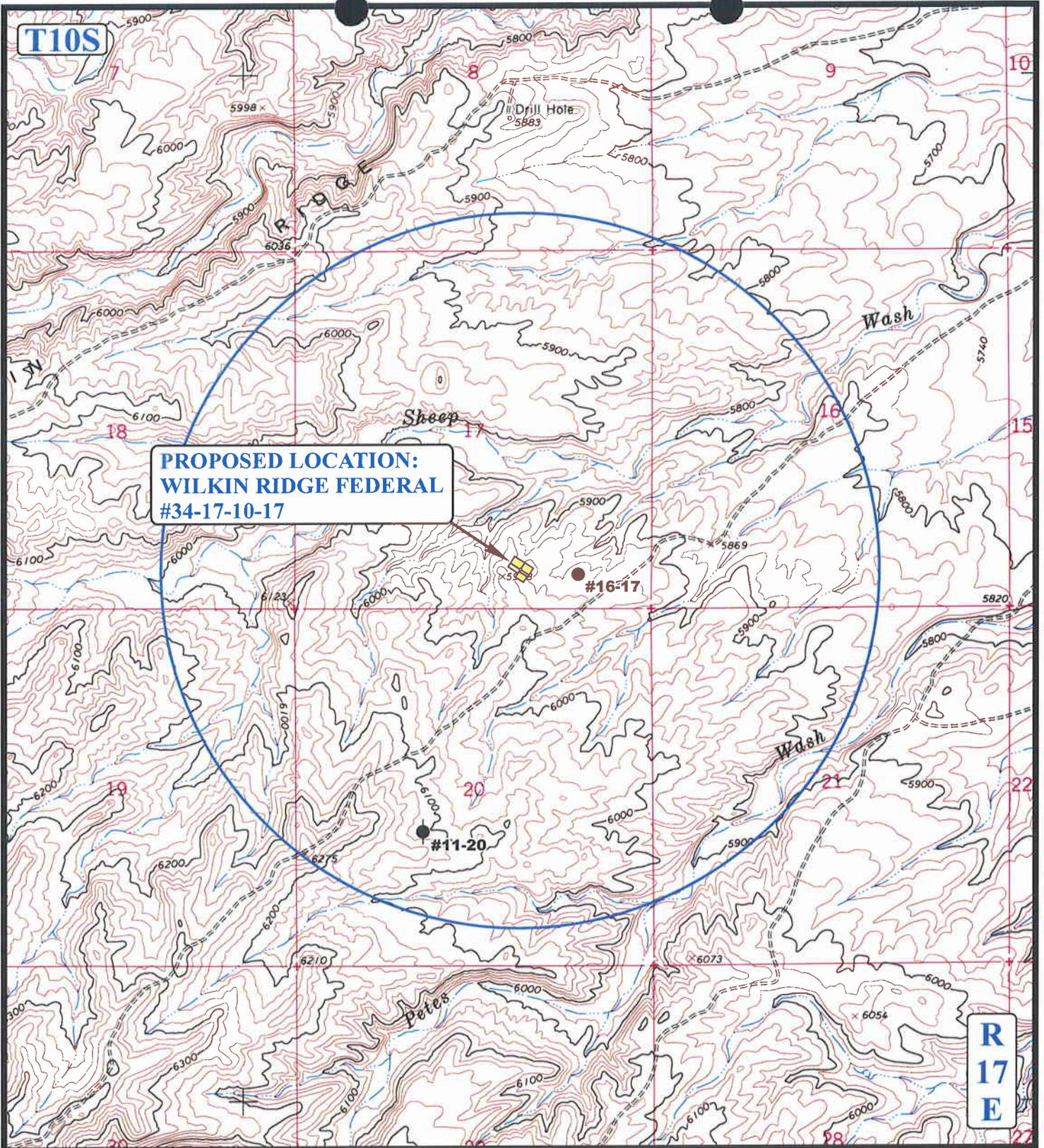


**GASCO ENERGY, INC.**

**WILKIN RIDGE FEDERAL #34-17-10-17**  
**SECTION 17, T10S, R17E, S.L.B.&M.**  
**582' FSL 1921' FEL**

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

**TOPOGRAPHIC MAP** 02 25 04  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00 **B TOPO**



**PROPOSED LOCATION:  
WILKIN RIDGE FEDERAL  
#34-17-10-17**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**GASCO ENERGY, INC.**

**WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.  
582' FSL 1921' FEL**



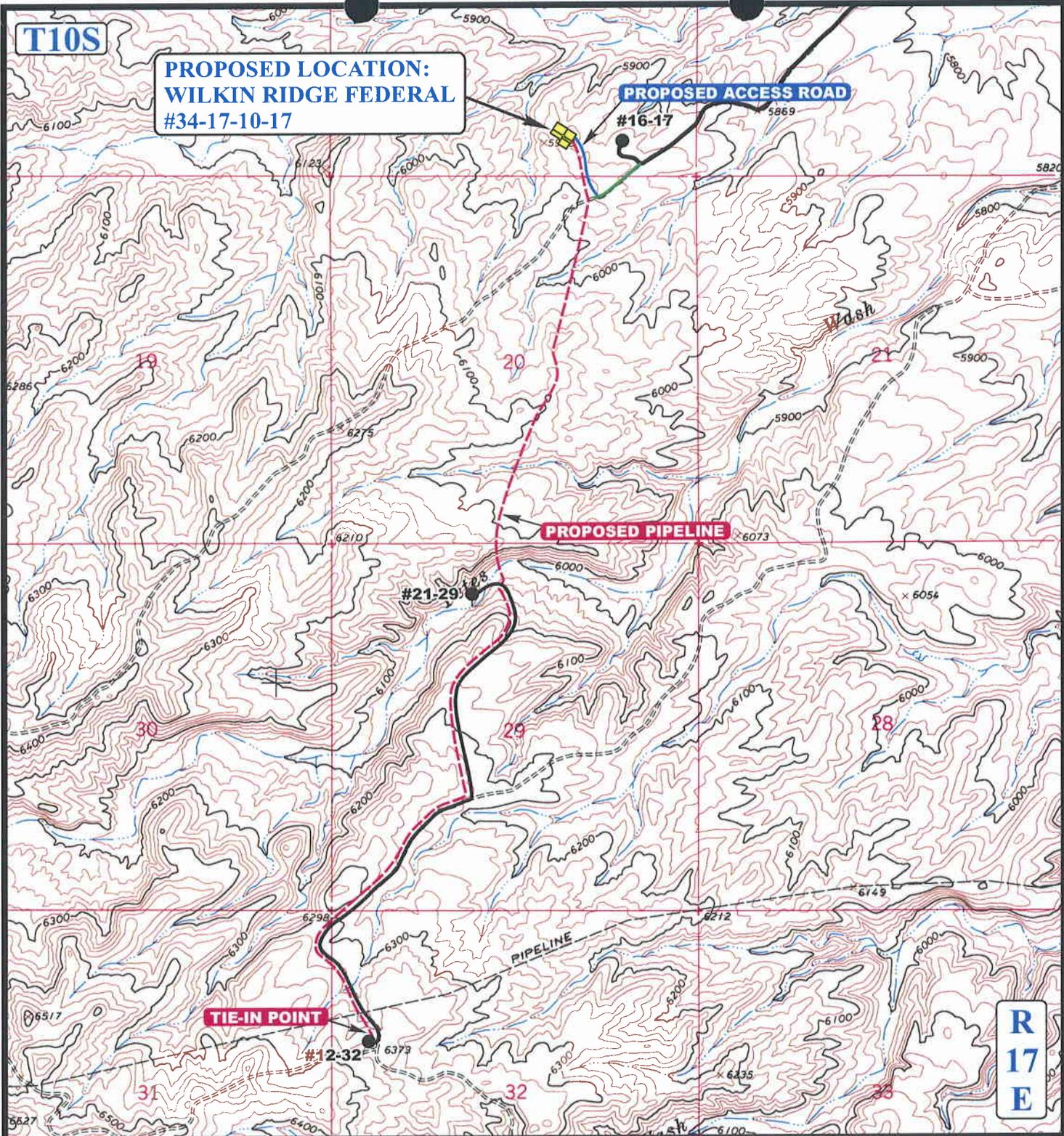
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**

**02 25 04**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 14,500' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

**GASCO ENERGY, INC.**

**WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.  
582' FSL 1921' FEL**



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



**TOPOGRAPHIC MAP** **02 25 04**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

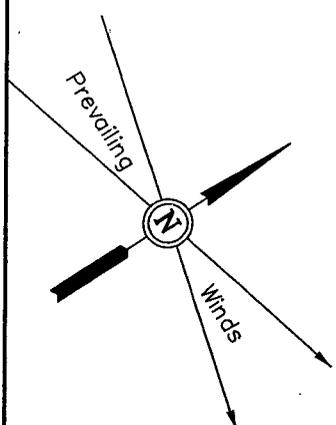


# GASCO ENERGY, INC.

## LOCATION LAYOUT FOR

WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.

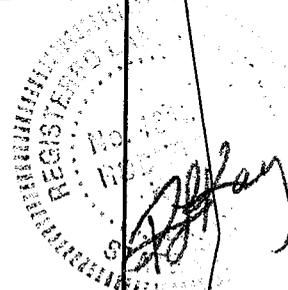
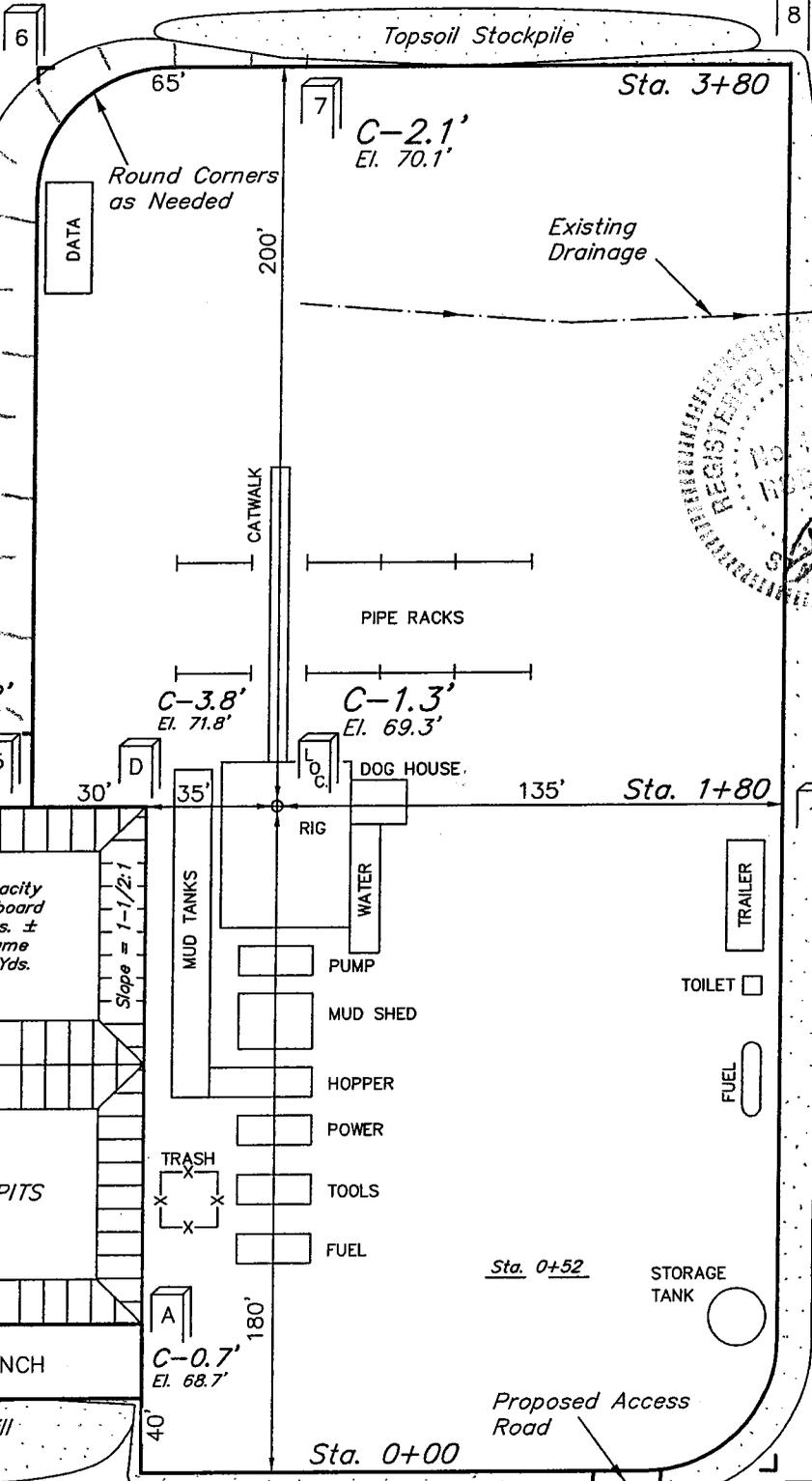
582' FSL 1921' FEL



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

C-9.1'  
El. 77.1'

F-2.3'  
El. 65.7'



El. 83.1'  
C-23.1'  
(btm. pit)

El. 72.6'  
C-12.6'  
(btm. pit)

C-3.8'  
El. 71.8'

C-1.3'  
El. 69.3'

F-6.6'  
El. 61.4'

F-2.0'  
El. 66.0'

F-2.1'  
El. 65.9'

F-5.6'  
El. 62.4'

Elev. Ungraded Ground at Location Stake = 5969.3'  
Elev. Graded Ground at Location Stake = 5968.0'

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

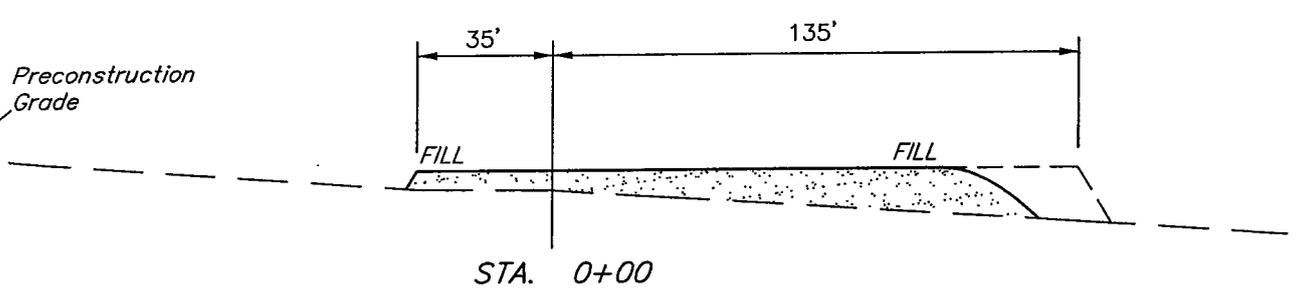
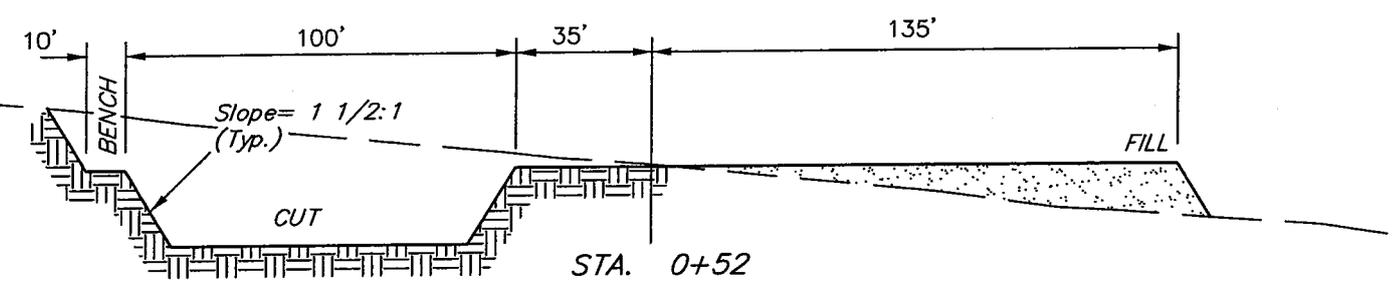
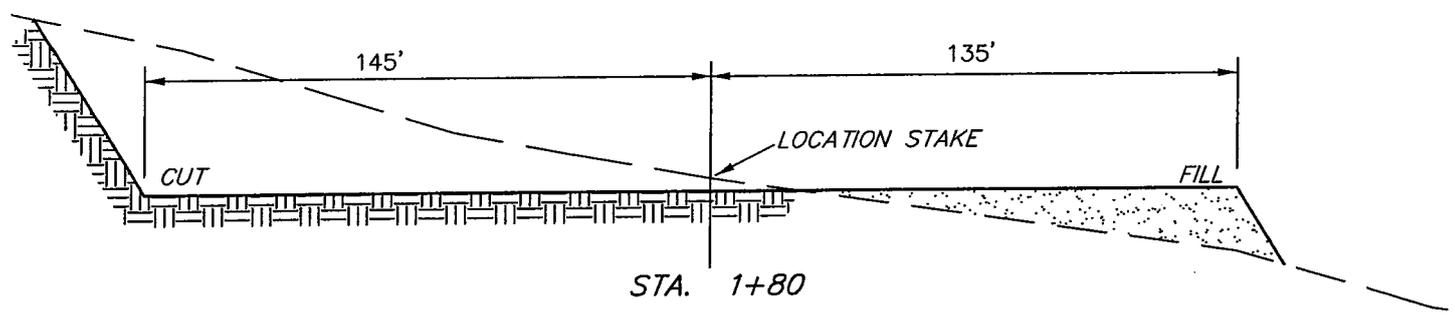
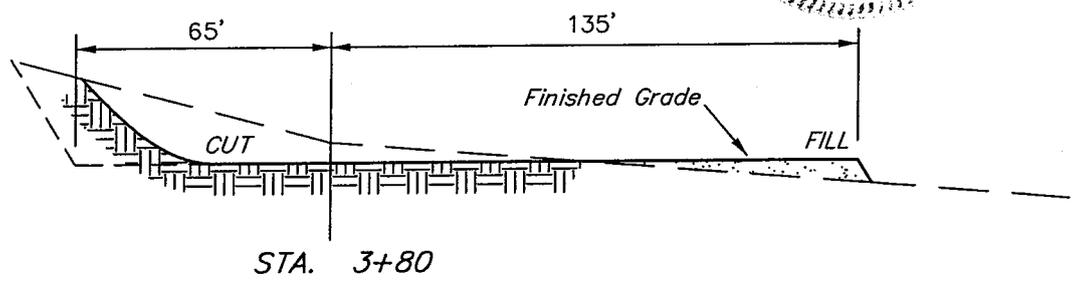
# GASCO ENERGY, INC.

## TYPICAL CROSS SECTIONS FOR

WILKIN RIDGE FEDERAL #34-17-10-17  
SECTION 17, T10S, R17E, S.L.B.&M.  
582' FSL 1921' FEL



1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 3-9-04  
Drawn By: C.G.



### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,010 Cu. Yds.
Remaining Location	= 11,120 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 13,130 CU.YDS.</b>
<b>FILL</b>	<b>= 9,560 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,570 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,570 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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

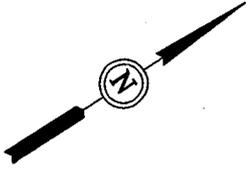
**GASCO ENERGY, INC.**

**PRODUCTION FACILITY LAYOUT FOR**

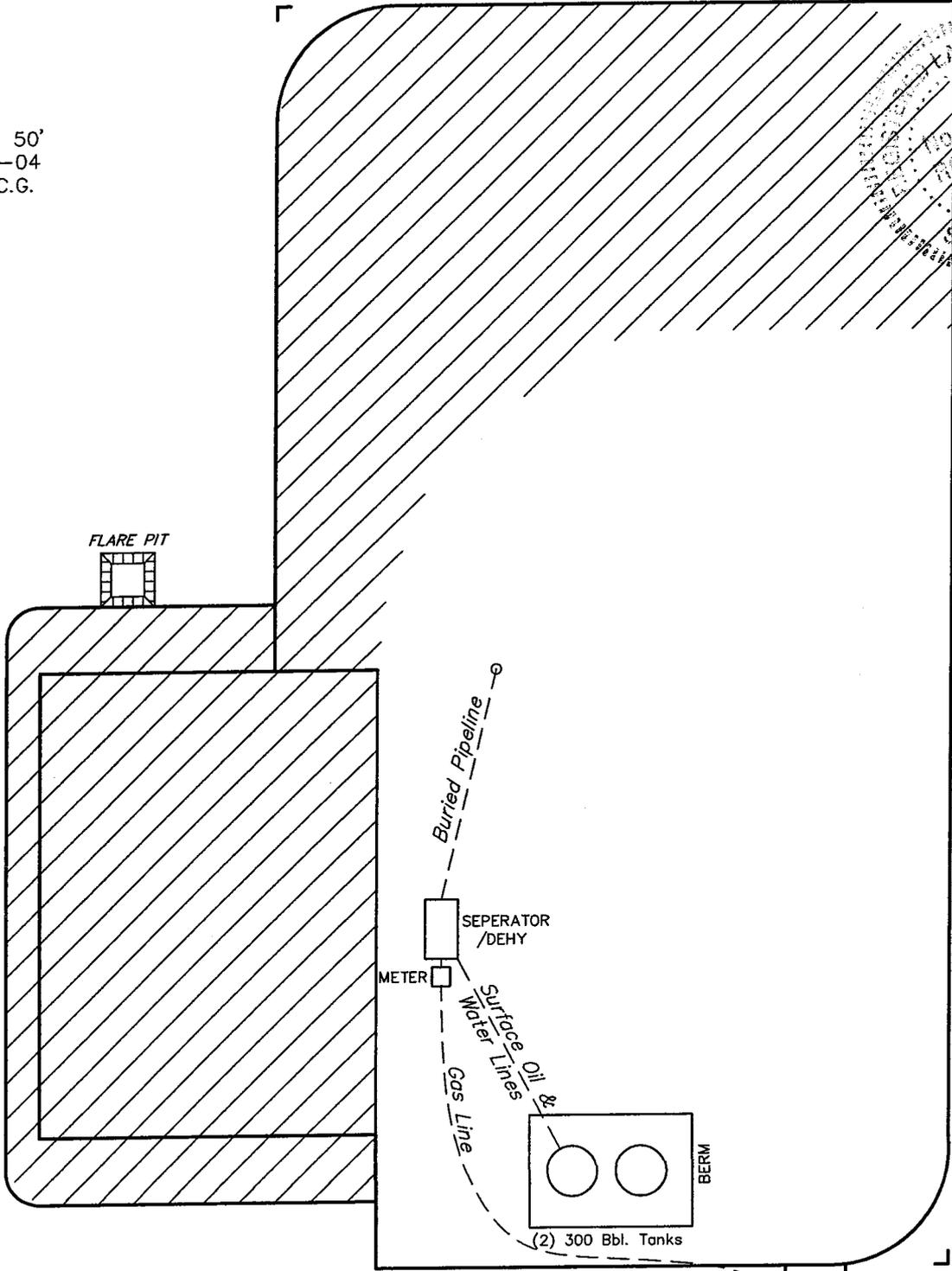
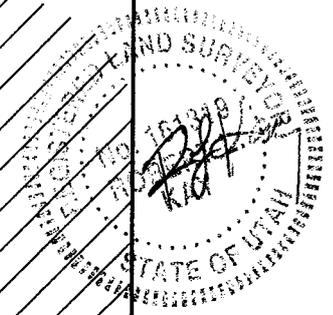
**WILKIN RIDGE FEDERAL #34-17-10-17**

**SECTION 17, T10S, R17E, S.L.B.&M.**

**582' FSL 1921' FEL**



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



 RE-HABED AREA

**GASCO ENERGY, INC.**  
**WILKIN RIDGE FEDERAL #34-17-10-17**  
 LOCATED IN DUCHESNE COUNTY, UTAH  
 SECTION 17, T10S, R17E, S.L.B.&M.

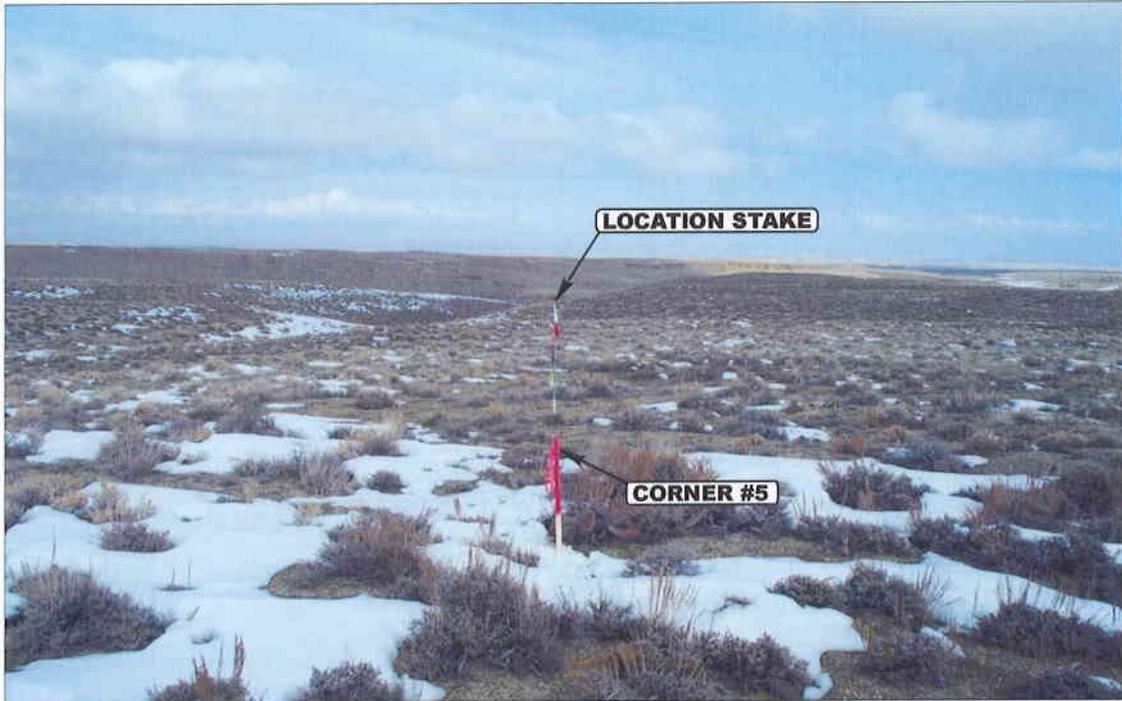


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

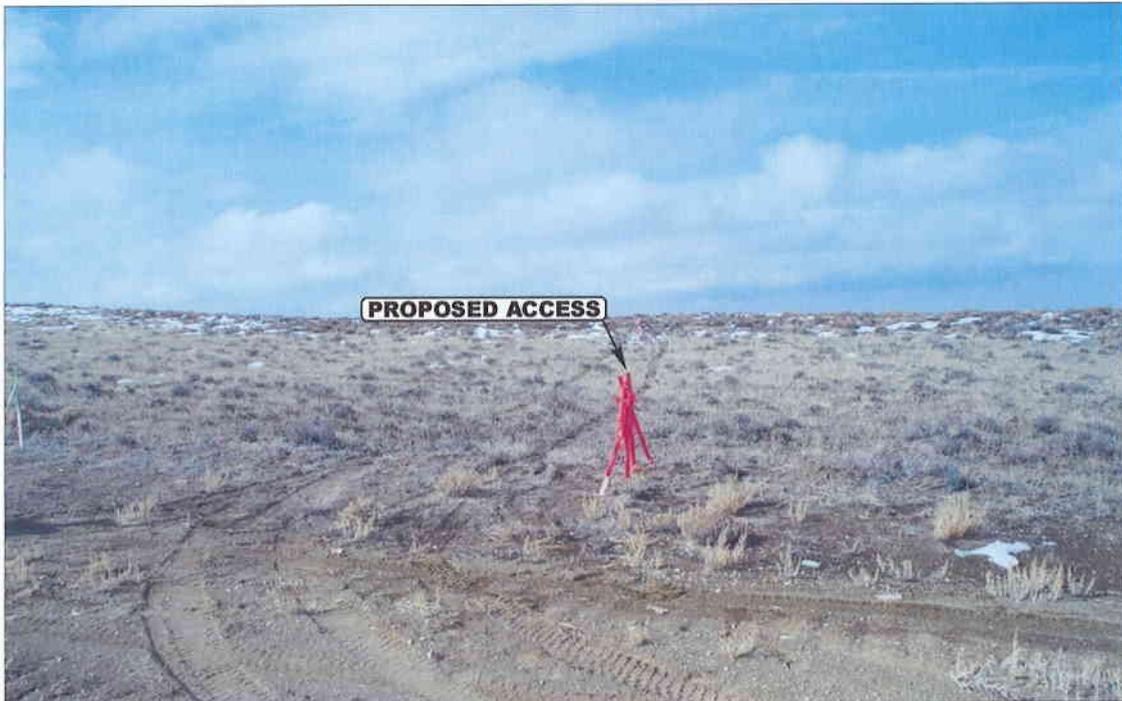


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

<b>LOCATION PHOTOS</b>	<b>02</b>	<b>25</b>	<b>04</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: P.M.		REVISED: 00-00-00	

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/19/2004

API NO. ASSIGNED: 43-013-32560

WELL NAME: WILKIN RIDGE FED 34-17-10-17  
OPERATOR: PANNONIAN ENERGY INC ( N1815 )  
CONTACT: LISA SMITH

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

SWSE 17 100S 170E  
SURFACE: 0582 FSL 1921 FEL  
BOTTOM: 0582 FSL 1921 FEL  
DUCHESNE  
UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-043615  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: BLKHK  
COALBED METHANE WELL? NO

LATITUDE: 39.93830  
LONGITUDE: 110.02703

RECEIVED AND/OR REVIEWED:

Plat

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

Potash (Y/N)

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

Water Permit  
(No. 43-1723 )

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

Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit WILKINS RIDGE DEEP

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

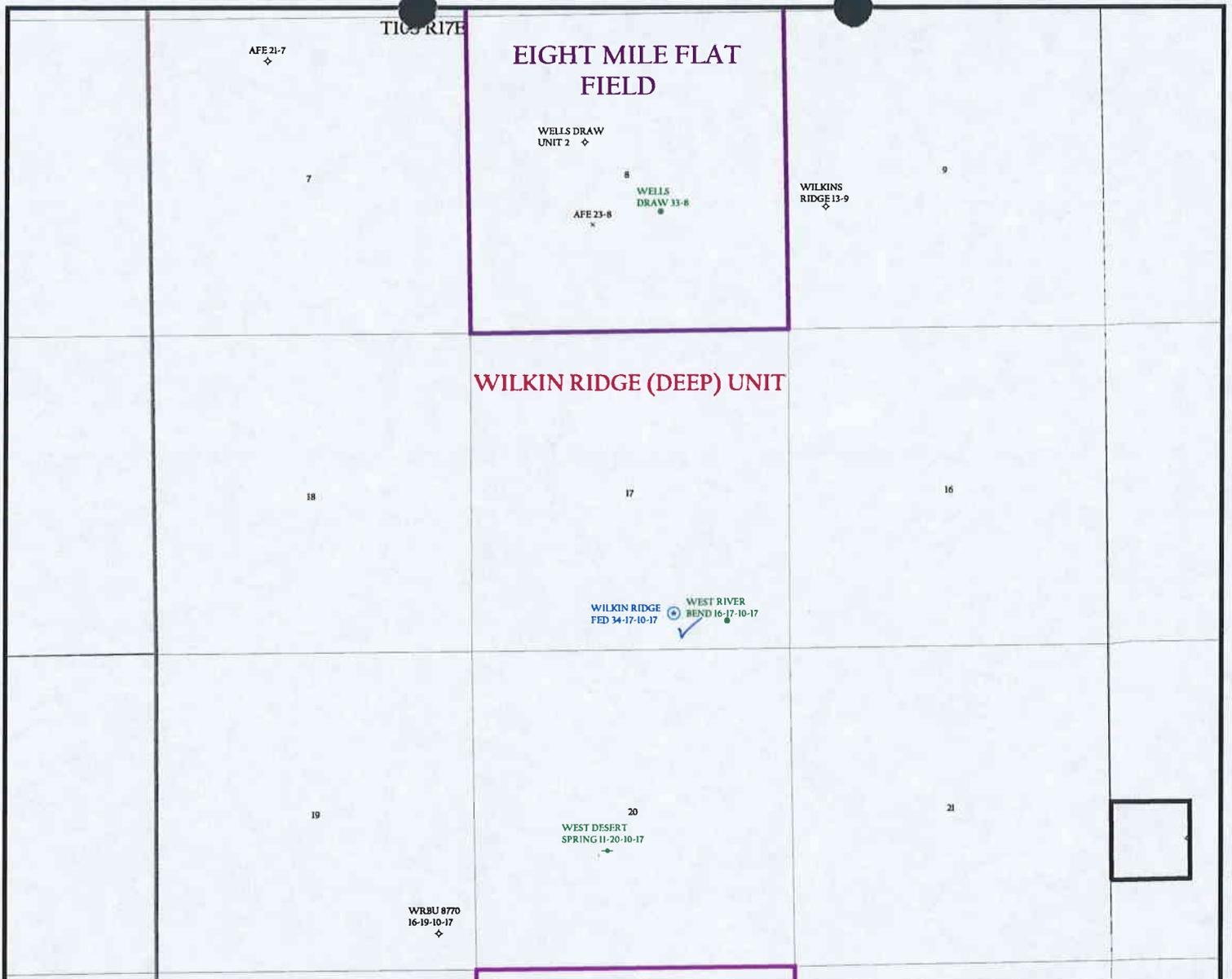
\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: 1- Federal approval  
2- Spacing Strip  
\_\_\_\_\_  
\_\_\_\_\_



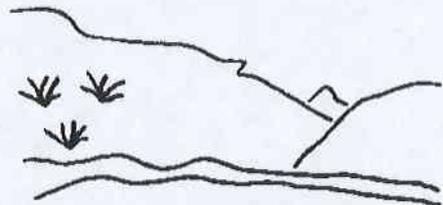
OPERATOR: PANNONIAN ENERGY INC (N1815)

SEC. 17 T.10S, R.17E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



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: 22-APRIL-2004



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

April 22, 2004

Gasco Energy, Inc./Pannonian Energy, Inc.  
14 Inverness Drive East, Suite #H236  
Englewood, CO. 80112

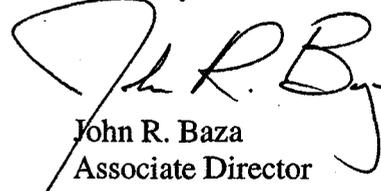
Re: Wilkin Ridge Federal #34-17-10-17 Well, 582' FSL, 1921' FEL, SW SE,  
Sec. 17, T. 10 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32560.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

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

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

Well Name & Number Wilkin Ridge Federal #34-17-10-17

API Number: 43-013-32560

Lease: UTU-043615

Location: SW SE                      Sec. 17                      T. 10 South                      R. 17 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.

**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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>see attached list</b>
2. NAME OF OPERATOR: <b>Gasco Production Company N2575</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: <b>114 Inverness Dr. East</b> CITY <b>Englewood</b> STATE <b>CO</b> ZIP <b>80112</b>		10. FIELD AND POOL, OR WILDCAT:
PHONE NUMBER: <b>(303) 483-0044</b>		

4. LOCATION OF WELL

FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

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

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

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

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

*N1815*

*BLM Bond = UT1233*

*SITHA Bond = 4127764*

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

NAME (PLEASE PRINT) <b>Mark J. Choury</b>	TITLE <b>Land Manager</b>
SIGNATURE <i>Mark J. Choury</i>	DATE <b>4/20/04</b>

(This space for State use only)



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

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

*OK DW*

**Request to Transfer Application or Permit to Drill**

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

<b>Well name:</b>	Wilkin Ridge Federal 34-17-10-17
<b>API number:</b>	4304732560 <i>4301332560</i>
<b>Location:</b>	Qtr-Qtr: <b>SWSE</b> Section: <b>17</b> Township: <b>10S</b> Range: <b>17E</b>
<b>Company that filed original application:</b>	Gasco Energy, Inc. /Pannonian Energy, Inc.
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	

Check one	Desired Action:
<input checked="" type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	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.
	<b>Transfer approved Application for Permit to Drill to new operator</b>
	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?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
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?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <i>4127763 UT1233</i>	<input checked="" type="checkbox"/>	

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.

**RECEIVED**

APR 29 2004

Name (please print) Mark J. Choun  
 Signature *Mark J. Choun*  
 Representing (company name) Gasco Production Company

Title Land Manager  
 Date 04/28/2004

DIV. OF OIL, GAS & MINING

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.

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

RECEIVED  
APR 30 2004  
DIV. OF OIL, GAS & MIN.

**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)

<b>Well name:</b>	Wilkin Ridge Federal 34-17-10-17
<b>API number:</b>	4304732560
<b>Location:</b>	Qtr-Qtr: SWSE Section: 17 Township: 10S Range: 17E
<b>Company that filed original application:</b>	Gasco Energy, Inc. /Pannonian Energy, Inc.
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	

Check one	Desired Action:
<input checked="" type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	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.
	<b>Transfer approved Application for Permit to Drill to new operator</b>
	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?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
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?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>4127763</u>	<input checked="" type="checkbox"/>	

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.

Name (please print) Mark J. Choury Title Land Manager  
 Signature *Mark J. Choury* Date 04/28/2004  
 Representing (company name) Gasco Production Company

**RECEIVED**  
MAY 04 2004

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



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-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

PAGE 1

*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.



2899291 8100

040133641

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2963993

DATE: 03-02-04

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-019880A	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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
APR 19 2004  
By \_\_\_\_\_

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

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-043615 4-75082</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>GASCO Energy, Inc./Pannonian Energy, Inc.</b>		7. If Unit or CA Agreement, Name and No. <b>N/A</b>
3. Name of Agent <b>Permitco Inc. - Agent</b>		8. Lease Name and Well No. <b>Wilkin Ridge Federal #34-17-10-17</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>582' FSL and 1921' FEL</b> At proposed prod. zone <b>SW SE</b>		9. API Well No. <b>43:013:32560</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximately 22.8 miles South of Myton, UT</b>		10. Field and Pool, or Exploratory <b>Wildcat</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>582'</b>	16. No. of Acres in lease <b>2518.88</b>	11. Sec., T., R., M., or Blk, and Survey or Area <b>Section 17, T10S-R17E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>900'</b>	19. Proposed Depth <b>13,375'</b>	12. County or Parish <b>Duchesne</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5969' GL</b>	22. Approximate date work will start* <b>October-04</b>	13. State <b>UT</b>
17. Spacing Unit dedicated to this well <b>40 Acres</b>		
20. BLM/BIA Bond No. on file <b>Bond #UT-1233</b>		
23. Estimated duration <b>35 Days</b>		

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.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, SUPO shall be filed with the appropriate Forest Service Office.) | 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) <b>Lisa L. Smith</b>	Date <b>4/15/2004</b>
Title <b>Authorized Agent for GASCO Energy, Inc./Pannonian Energy, Inc.</b>		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed)	Date <b>10/01/2004</b>
Title <b>Assistant Field Manager Mineral Resources</b>	Office	

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

**NOTICE OF APPROVAL**

Conditions of approval, if any, are attached.

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 reverse)

RECEIVED  
OCT 17 2004  
**CONDITIONS OF APPROVAL ATTACHED**

DIV. OF OIL, GAS & MINING

047501221

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: GASCO ENERGY INC.

Well Name & Number: Wilkin Ridge Federal 34-17-10-17

API Number: 43-013-32560

Lease Number: UTU - 75082

Location: SWSE Sec. 17 TWN: 10S RNG: 17E

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  $\pm 1,1142$  ft. and by having a cement for

the production casing at least 200 ft. above the top of the Wasatch Formation, identified at  $\pm$  5,243 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, spent solvents, spilled chemicals, and waste acids

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

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

CONFIDENTIAL

008

6. Lease Designation and Serial Number  
~~U-75082~~ UHU-043615

**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

7. Indian Allottee or Tribe Name  
N/A

8. Unit or Communitization Agreement  
N/A

1. Type of Well  
 Oil Well  Gas Well  Other (specify)

9. Well Name and Number  
Federal #34-17-10-17

2. Name of Operator  
Gasco Production Company

10. API Well Number  
43-013-32560

3. Address of Operator  
14 Inverness Drive East, Suite #H236, Englewood, CO 80112

4. Telephone Number  
303/483-0044

11. Field and Pool, or Wildcat  
Riverbend

5. Location of Well  
Footage : 582' FSL and 1921' FEL County : Uintah  
QQ, Sec, T., R., M. : SW SE, Section 17, T10S - R17E State : Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Request 1 year extension of APD
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

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

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: [Signature]

RECEIVED  
JAN 11 2005

DIV. OF OIL, GAS & MINING

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

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

Name & Signature Vereesa Langmacker Title Consultant for Gasco Production Company Date 01/03/05

(State Use Only)

Application for Permit to Drill  
Request for Permit Extension  
Validation

(this form should accompany the Sundry Notice requesting permit extension)

RECEIVED  
JAN 13 2005  
DIV. OF OIL, GAS & MINING

API: 43-013-32560

Well Name: Wilkin Ridge Federal #34-17-10-17

Location: SW SE 582' FSL and 1921' FEL, Sec. 17, T10S - R17E

Company Permit Issued to: Gasco Production Company

Date Original Permit Issued: 4/22/2004

The undersigned 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



RECEIVED  
MAY 20 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

May 15, 2005

Dear Ms Daniels:

Gasco Production Company will soon be drilling the Wilkin Ridge Federal 34-17-10-17, SWSE 17-10S-17E, Duchesne County, Utah. The API Number for this well is 43-013-32560.

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

Yours truly,

Robin Dean  
Senior Geologist  
Gasco Energy, Inc.

5-23-05  
 Sent via facsimile  
 TO: Earlene Russell

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: 8 Inverness Drive E., Suite 100  
 city Englewood  
 state CO zip 80112 Phone Number: (303) 483-0044

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
013-32560	Federal 34-17-10-17		SWSE	17	10S	17E	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14726	3/7/2005		5/26/05		
Comments: <u>New Drill</u> <u>BLKHK = MURD</u> <b>CONFIDENTIAL</b>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

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:							

RECEIVED  
 MAY 23 2005

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 DIV. OF OIL, GAS & MINING  
 Name (Please Print)  
 Signature \_\_\_\_\_  
 Manager-Property Admin 5/23/2005  
 Title \_\_\_\_\_ Date





# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

*T10S R17E S-17 43-013-32560*

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/25/2005		3	
Depth: 6045		Prog: 890		D Hrs: 23		AV ROP: 38.7		Formation: WASATCH	
DMC: \$3,212		TMC: \$7,182			TDC: \$30,728		CWC: 349,454		
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE	
MW: 8.7		#1 gps 3.5		Bit #: 1		Conductor: \$ -		Loc, Cost: \$ -	
VIS: 28		SPM: 115		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -	
PV/YF:		# 2 gps 3.5		Type: DSX147		Int. Csg: \$ -		Day Rate: \$ 14,750	
Gel:		SPM:		MFG: HYCALOG		Prod Csg: \$ -		Rental Tools: \$ 1,581	
WL:		GPM: 381		S/N: 111837		Float Equip: \$ -		Trucking: \$ -	
Cake:		Press: 920		Jets: 3-14/3-18		Well Head: \$ -		Water: \$ 7,680	
Solids:		AV DC:		In: 3550		TBG/Rods: \$ -		Fuel: \$ -	
Sand:		AV DP:		Out:		Packers: \$ -		Mud Logger: \$ -	
PH :		JetVel:		FTG: 2495		Tanks: \$ -		Logging: \$ -	
Pf/Mf:		ECD:		Hrs: 49.5		Separator: \$ -		Cement: \$ -	
Chlor: 7000		SPR #1: 70/300		FPH: 50.4		Heater: \$ -		Bits: \$ -	
Ca : 120		SPR #2:		WOB: 15-20		Pumping L/T: \$ -		Mud Motors: \$ 2,300	
Dapp ppb:		Btm.Up: 36		RPM: 45		Prime Mover: \$ -		Corrosion: \$ 95	
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850		Rot. Hrs: 49.50
START	END	TIME					Daily Total:	\$ -	Drilling Mud: \$3,212
6:00	9:00	3:00	DRLG 5155' - 5269' (114 FT, 37 FPH).				Forklift:	\$ 130	
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE				Misc. / Labor:	\$ 130	
9:30	19:00	9:30	DRLG 5269' - 5660' (391 FT, 41.2 FPH).				<b>Daily Total:</b>	<b>\$ 30,728</b>	
19:00	19:30	0:30	HOLD SAFETY AS PER NABORS OFFICE				Cum. Wtr:	\$ 9,252	
19:30	6:00	10:30	DRLG 5660' - 6045' (385 FT, 36.7 FPH).				Cum. Fuel		
							Cum. Bits:	\$ 8,500	
							<b>BHA</b>		
							7-7/8" BIT	1.00	
							DOG SUB	0.67	
							.14. MM	35.50	
							IBS	4.96	
							6-1/2" DC's	420.20	
							<b>TOTAL BH/</b>	<b>462.33</b>	
							Survey		
							Survey		
P/U	LITH:			Bkg Gas:			20-40		
S/O	FLARE:			Conn Gas:			50		
ROT.	LAST CSG.RAN:		8 5/8" SET @		3522' G.L.		Downtime Gas:		
FUEL	Used:	On Hand: 5379		Co.Man V GUINN		Trip Gas			

T 105 RIDE 5-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/26/2005		4		
Depth: 6700		Prog: 655		D Hrs: 22		AV ROP: 30.5		Formation: WASATCH		
DMC: \$8,272		TMC: \$15,454			TDC: \$28,318		CWC: 377,772			
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE		
MW: 8.5		#1 gps 3.5		Bit #: 1		Conductor: \$ -		Loc, Cost: \$ -		
VIS: 25		SPM: 115		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -		
PV/YP:		# 2 gps 3.5		Type: DSX147		Int. Csg: \$ -		Day Rate: \$ 14,750		
Gel:		SPM:		MFG: HYCALOG		Prod Csg: \$ -		Rental Tools: \$ 1,581		
WL:		GPM: 381		S/N: 111837		Float Equip: \$ -		Trucking: \$ -		
Cake:		Press: 900		Jets: 3-14/3-18		Well Head: \$ -		Water: \$ -		
Solids:		AV DC:		In: 3550		TBG/Rods: \$ -		Fuel: \$ -		
Sand:		AV DP:		Out:		Packers: \$ -		Mud Logger: \$ -		
PH :		JetVel:		FTG: 3150		Tanks: \$ -		Logging: \$ -		
Pfl/Mf:		ECD:		Hrs: 71		Separator: \$ -		Cement: \$ -		
Chlor: 7000		SPR #1: 70/280		FPH: 44.4		Heater: \$ -		Bits: \$ -		
Ca : 140		SPR #2: 73/340		WOB: 15-20		Pumping L/T: \$ -		Mud Motors: \$ 2,200		
Dapp ppb: 5.8		Btm.Up: 36		RPM: 45		Prime Mover: \$ -		Corrosion: \$ 95		
Time Break Down:			T/B/G:			Misc: \$ -		Consultant: \$ 850		
START	END	TIME	Rot. Hrs: 71.00			Daily Total: \$ -		Drilling Mud: \$8,272		
6:00	8:00	2:00	DRLG 6045' - 6093' (48 FT, 24 FPH).						Forklift: \$ 130	
8:00	8:30	0:30	RUN WIRELINE SURVEY @ 6010', 2°						Misc. / Labor: \$ 440	
8:30	9:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE, SAFETY MEETING						Daily Total: \$ 28,318	
9:00	10:00	1:00	REPAIR #1 PUMP, #2 PUMP						Cum. Wtr: \$ 9,252	
10:00	1:00	15:00	DRLG 6093' - 6540' (447 FT, 29.8 FPH).						Cum. Fuel	
1:00	1:30	0:30	RIG SERVICE						Cum. Bits: \$ 8,500	
1:30	6:00	4:30	DRLG 6540' - 6700' (160 FT, 35.6 FPH).						<b>BHA</b>	
									7-7/8" BIT 1.00	
									DOG SUB 0.67	
									.14. MM 35.50	
									IBS 4.96	
									6-1/2" DC's 420.20	
									TOTAL BH/ 462.33	
									Survey 1-3/4°@5028	
									Survey 2°@6010	
P/U	150	LITH: SHALE/SANDY SHALE				Bkg Gas: 20-40				
S/O	140	FLARE: NONE				Conn Gas: 50				
ROT.	147	LAST CSG.RAN: 8 5/8" SET @ 3522' G.L.				Downtime Gas:				
FUEL	Used: 1099	On Hand: 4121		Co.Man V GUINN				Trip Gas		

T105 R19E S17

43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/27/2005		5		
Depth: 7372		Prog: 672		D Hrs: 24		AV ROP: 28.6		Formation: WASATCH		
DMC: \$225		TMC: \$15,679			TDC: \$30,460		CWC: 408,232			
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE		
MW: 8.5		#1 gps 3.5		Bit #: 1		Conductor: \$ -		Loc, Cost: \$ -		
VIS: 25		SPM: 0		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -		
PV/YF:		# 2 gps 3.5		Type: DSX147		Int. Csg: \$ -		Day Rate: \$ 14,750		
Gel:		SPM: 117		MFG: HYCALOG		Prod Csg: \$ -		Rental Tools: \$ 1,581		
WL:		GPM: 388		S/N: 111837		Float Equip: \$ -		Trucking: \$ -		
Cake:		Press: 1040		Jets: 3-14/3-18		Well Head: \$ -		Water: \$ -		
Solids:		AV DC:		In: 3550		TBG/Rods: \$ -		Fuel: \$ 10,629		
Sand:		AV DP:		Out:		Packers: \$ -		Mud Logger: \$ -		
PH :		JetVel:		FTG: 3822		Tanks: \$ -		Logging: \$ -		
P/Mf:		ECD:		Hrs: 94.5		Separator: \$ -		Cement: \$ -		
Chlor: 7000		SPR #1 :		FPH: 40.4		Heater: \$ -		Bits: \$ -		
Ca : 140		SPR #2 : 73/370		WOB: 15-20		Pumping L/T: \$ -		Mud Motors: \$ 2,200		
Dapp ppb: 5.6		Btm.Up: 44		RPM: 45		Prime Mover: \$ -		Corrosion: \$ 95		
Time Break Down:			T/B/G:			Misc: \$ -		Consultant: \$ 850		
START	END	TIME	Rot. Hrs: 94.50			Daily Total: \$ -		Drilling Mud: \$225		
6:00	19:30	13:30	DRLG 6700' - 7085' (385 FT, 28.9 FPH).						Forklift: \$ 130	
19:30	20:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE						Misc. / Labor: \$ -	
20:00	6:00	10:00	DRLG 7085' - 7372' (287 FT, 28.7 FPH).						Daily Total: \$ 30,460	
									Cum. Wtr: \$ 9,252	
									Cum. Fuel \$ 10,629	
									Cum. Bits: \$ 8,500	
									<b>BHA</b>	
									7-7/8" BIT 1.00	
									DOG SUB 0.67	
									.14. MM 35.50	
									IBS 4.96	
									6-1/2" DC's 420.20	
									TOTAL BH/ 462.33	
									Survey 2°@6010	
									Survey 1¼°@7000	
P/U	160	LITH: SHALE/SAND			Bkg Gas: 20-40					
S/O	150	FLARE: NONE			Conn Gas: 50					
ROT.	155	LAST CSG.RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:					
FUEL	Used: 1489	On Hand: 2632			Co.Man V GUINN					Trip Gas



**GASCO ENERGY**  
**DAILY DRILLING REPORT**

**CONFIDENTIAL**

*TIOS RIDE S-17 43-013-32560*

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/28/2005		6		
Depth: 7911		Prog: 539		D Hrs: 23		AV ROP: 23.4		Formation: WASATCH		
DMC: \$200		TMC: \$15,879			TDC: \$135,106		CWC: 543,338			
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE		
MW:	8.5	#1 gps	3.5	Bit #:	1	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	25	SPM:	0	Size:	7.875	Surf. Csg:	\$ -	Rig Move:	\$ 100,420	
PV/YP:		# 2 gps	3.5	Type:	DSX147	Int. Csg:	\$ -	Day Rate:	\$ 14,750	
Gel:		SPM:	118	MFG:	HYCALOG	Prod Csg:	\$ -	Rental Tools:	\$ 1,581	
WL:		GPM:	391	S/N:	111837	Float Equip:	\$ -	Trucking:	\$ -	
Cake:		Press:	1040	Jets:	3-14/3-18	Well Head:	\$ -	Water:	\$ -	
Solids:		AV DC:		In:	3550	TBG/Rods:	\$ -	Fuel:	\$ 14,780	
Sand:		AV DP:		Out:		Packers:	\$ -	Mud Logger:	\$ -	
PH :		JetVel:		FTG:	4361	Tanks:	\$ -	Logging:	\$ -	
Pf/Mf:		ECD:		Hrs:	117.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	7000	SPR #1 :		FPH:	37.1	Heater:	\$ -	Bits:	\$ -	
Ca :	140	SPR #2 :	73/370	WOB:	15-20	Pumping L/T:	\$ -	Mud Motors:	\$ 2,300	
Dapp ppb:	5.6	Btm.Up:	48	RPM:	35	Prime Mover:	\$ -	Corrosion:	\$ 95	
Time Break Down:				T/B/G:		Misc:	\$ -	Consultant:	\$ 850	
START	END	TIME		Rot. Hrs:	117.50	Daily Total:	\$ -	Drilling Mud:	\$ 200	
6:00	10:30	4:30	DRLG 7372' - 7499 (127 FT, 28.2 FPH).						Forklift:	\$ 130
10:30	11:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE						Misc. / Labor:	\$ -
11:00	19:30	8:30	DRLG 7499' - 7720 (221 FT, 26 FPH).						Daily Total:	\$ 135,106
19:30	20:00	0:30	INSTALL ROT. HD RUBBER						Cum. Wtr:	\$ 9,252
20:00	6:00	10:00	DRLG 7720' - 7911 (191 FT, 19.1 FPH).						Cum. Fuel:	\$ 25,409
									Cum. Bits:	\$ 8,500
									<b>BHA</b>	
									7-7/8" BIT	1.00
									DOG SUB	0.67
									.14. MM	35.50
									IBS	4.96
									6-1/2" DC's	420.20
									TOTAL BH/	462.33
									Survey	2°@6010
									Survey	1¼°@7000
P/U	170	LITH: SHALE/SAND			Bkg Gas:			20-40		
S/O	160	FLARE: NONE			Conn Gas:			50		
ROT.	152	LAST CSG.RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:					
FUEL	Used: 658	On Hand: 11463			Co.Man V GUINN			Trip Gas		



**GASCO ENERGY**  
DAILY DRILLING REPORT

**CONFIDENTIAL**

T 105 R 17F S 17

43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/29/2005		7	
Depth: 8390'		Prog: 479'		D Hrs: 23		AV ROP: #VALUE!		Formation: WASATCH	
DMC: \$676		TMC: \$16,554			TDC: \$20,382		CWC: 564,351		
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE	
MW: 8.5		#1 gps 3.5		Bit #: 1		Conductor: \$ -		Loc.Cost: \$ -	
VIS: 25		SPM: 0		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -	
PV/YP:		# 2 gps 3.5		Type: DSX147		Int. Csg: \$ -		Day Rate: \$ 14,750	
Gel:		SPM: 118		MFG: HYCALOG		Prod Csg: \$ -		Rental Tools: \$ 1,581	
WL:		GPM: 391		S/N: 111837		Float Equip: \$ -		Trucking: \$ -	
Cake:		Press: 1060		Jets: 3-14/3-18		Well Head: \$ -		Water: \$ -	
Solids:		AV DC:		In: 3550		TBG/Rods: \$ -		Fuel: \$ -	
Sand:		AV DP:		Out:		Packers: \$ -		Mud Logger: \$ -	
PH :		JetVel:		FTG: 4840		Tanks: \$ -		Logging: \$ -	
Pfi/Mf:		ECD:		Hrs: 140.5		Separator: \$ -		Cement: \$ -	
Chlor: 7000		SPR #1:		FPH: 34.4		Heater: \$ -		Bits: \$ -	
Ca : 140		SPR #2: 73/370		WOB: 15-20		Pumping L/T: \$ -		Mud Motors: \$ 2,300	
Dapp ppb: 5.5		Btm.Up: 48		RPM: 35		Prime Mover: \$ -		Corrosion: \$ 95	
Time Break Down:			T/B/G:			Misc: \$ -		Consultant: \$ 850	
START	END	TIME	Rot. Hrs:	140.50	Daily Total: \$ -		Drilling Mud: \$ 676		
6:00	12:00	6:00	DRLG 7911' - 8039' (128 FT, 21.3 FPH).			Forklift: \$ 130			
12:00	12:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE.			Misc. / Labor: \$ -			
12:30	14:30	2:00	DRLG 8039' - 8071' (32 FT, 16.0 FPH).			Daily Total: \$ 20,382			
14:30	15:00	0:30	CIRC SURVEY 7996' = 1-3/4°.			Cum. Wtr: \$ 9,252			
15:00	6:00	15:00	DRLG 8071' - 8390' (319 FT, 21.3 FPH).			Cum. Fuel \$ 25,409			
						Cum. Bits: \$ 8,500			
						<b>BHA</b>			
						7-7/8" BIT	1	1.00	
						DOG SUB	1	0.67	
						.14. MM	1	35.50	
						IBS	1	4.96	
						6-1/2" DC's	12	420.20	
						TOTAL BHA =		462.33	
						Survey	1-1/4°	7000'	
						Survey	1 3/4°	7996'	
		24.00							
P/U	180	LITH: SHALE/SAND			Bkg Gas:		20-40		
S/O	160	FLARE: NONE			Conn Gas:		50		
ROT.	170	LAST CSG.RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:		NA		
FUEL	Used: 631	On Hand: 10832		Co.Man J DUNCAN		Trip Gas		NA	



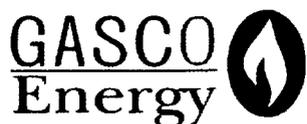
# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

*T105 R12E S17 43-013-32560*

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 5/30/2005		8		
Depth: 8737		Prog: 347		D Hrs: 23.5		AV ROP: 14.8		Formation: WASATCH		
DMC: \$301		TMC: \$16,855			TDC: \$20,057		CWC: 584,408			
Contractor:			Mud Co: MI			TANGIBLE		INTANGIBLE		
MW:	8.5	#1 gps	3.5	Bit #:	1	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	25	SPM:	0	Size:	7.875	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:		# 2 gps	3.5	Type:	DSX147	Int. Csg:	\$ -	Day Rate:	\$ 14,750	
Gel:		SPM:	118	MFG:	HYCALOG	Prod Csg:	\$ -	Rental Tools:	\$ 1,581	
WL:		GPM :	391	S/N:	111837	Float Equip:	\$ -	Trucking:	\$ -	
Cake:		Press:	1060	Jets:	3-14/3-18	Well Head:	\$ -	Water:	\$ -	
Solids:		AV DC:		In:	3550	TBG/Rods:	\$ -	Fuel:	\$ -	
Sand:		AV DP:		Out:		Packers:	\$ -	Mud Logger:	\$ -	
PH :		JetVel:		FTG:	5187	Tanks:	\$ -	Logging:	\$ -	
Pf/Mf:		ECD:		Hrs:	164.0	Separator:	\$ -	Cement:	\$ -	
Chlor:	10000	SPR #1 :		FPH:	31.6	Heater:	\$ -	Bits:	\$ -	
Ca :	140	SPR #2 :	73/370	WOB:	15-20	Pumping L/T:	\$ -	Mud Motors:	\$ 2,350	
Dapp ppb:	4.1	Btm.Up:	48	RPM:	35	Prime Mover:	\$ -	Corrosion:	\$ 95	
Time Break Down:				T/B/G:		Misc:	\$ -	Consultant:	\$ 850	
START	END	TIME		Rot. Hrs:	164.0	Daily Total:	\$ -	Drilling Mud:	\$ 301	
6:00	14:30	8:30	DRLG 8390' - 8549' (159 FT, 18.7 FPH).						Forklift:	\$ 130
14:30	15:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE.						Misc. / Labor:	\$ -
15:00	6:00	15:00	DRLG 8549' - 8737' (188 FT, 12.5 FPH).						Daily Total:	\$ 20,057
									Cum. Wtr:	\$ 9,252
									Cum. Fuel	\$ 25,409
									Cum. Bits:	\$ 8,500
								<b>BHA</b>		
								7-7/8" BIT	1 1.00	
								DOG SUB	1 0.67	
								.14 MM	1 35.50	
								IBS	1 4.96	
								6-1/2" DC's	12 420.20	
									TOTAL BHA =	462.33
								Survey	1-1/4° 7000'	
								Survey	1 3/4° 7996'	
		24.00								
P/U	190	LITH: SHALE/SAND			Bkg Gas:			20-40		
S/O	170	FLARE: NONE			Conn Gas:			50		
ROT.	180	LAST CSG.RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:			NA		
FUEL	Used: 487	On Hand: 10832			Co.Man J DUNCAN			Trip Gas NA		



# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

Well: <b>WR FED 34-17-10-17</b>			OPR: <b>TRIP OUT W/ BIT N° 1.</b>			Date: <b>5/31/2005</b>		<b>9</b>			
Depth: <b>9053</b>		Prog: <b>316</b>		D Hrs: <b>18.5</b>		AV ROP: <b>17.1</b>		Formation: <b>WASATCH</b>			
DMC: <b>\$12,227</b>			TMC: <b>\$29,083</b>			TDC: <b>\$38,683</b>		CWC: <b>623,091</b>			
Contractor: <b>NABORS 611</b>			Mud Co: <b>MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
MW:	<b>8.9</b>	#1 gps	<b>3.5</b>	Bit #:	<b>1</b>	Conductor:	<b>\$ -</b>	Loc.Cost:	<b>\$ -</b>		
VIS:	<b>34</b>	SPM:	<b>0</b>	Size:	<b>7.875</b>	Surf. Csg:	<b>\$ -</b>	Rig Move:	<b>\$ -</b>		
PV/YP:	<b>7/5</b>	# 2 gps	<b>3.5</b>	Type:	<b>DSX147</b>	Int. Csg:	<b>\$ -</b>	Day Rate:	<b>\$ 14,750</b>		
Gel:	<b>2/2/2</b>	SPM:	<b>118</b>	MFG:	<b>HYCALOG</b>	Prod Csg:	<b>\$ -</b>	Rental Tools:	<b>\$ 1,581</b>		
WL:	<b>18</b>	GPM :	<b>391</b>	S/N:	<b>111837</b>	Float Equip:	<b>\$ -</b>	Trucking:	<b>\$ -</b>		
Cake:	<b>1/</b>	Press:	<b>1060</b>	Jets:	<b>3-14/3-18</b>	Well Head:	<b>\$ -</b>	Water:	<b>\$ -</b>		
Solids:	<b>5</b>	AV DC:		In:	<b>3550</b>	TBG/Rods:	<b>\$ -</b>	Fuel:	<b>\$ -</b>		
Sand:	<b>NA</b>	AV DP:		Out:	<b>9053</b>	Packers:	<b>\$ -</b>	Mud Logger:	<b>\$ 7,200</b>		
PH :	<b>9</b>	JetVel:		FTG:	<b>5503</b>	Tanks:	<b>\$ -</b>	Logging:	<b>\$ -</b>		
Pf/Mf:	<b>.4/4.9</b>	ECD:		Hrs:	<b>182.5</b>	Separator:	<b>\$ -</b>	Cement:	<b>\$ -</b>		
Chlor:	<b>10000</b>	SPR #1 :		FPH:	<b>30.2</b>	Heater:	<b>\$ -</b>	Bits:	<b>\$ -</b>		
Ca :	<b>160</b>	SPR #2 :	<b>71-530</b>	WOB:	<b>15-20</b>	Pumping L/T:	<b>\$ -</b>	Mud Motors:	<b>\$ 1,850</b>		
Dapp ppb:	<b>4.7</b>	Btm.Up:	<b>39</b>	RPM:	<b>35</b>	Prime Mover:	<b>\$ -</b>	Corrosion:	<b>\$ 95</b>		
<b>Time Break Down:</b>				T/B/G:		Misc:	<b>\$ -</b>	Consultant:	<b>\$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>		Rot. Hrs:	<b>182.5</b>	Daily Total:	<b>\$ -</b>	Drilling Mud:	<b>\$ 12,227</b>		
<b>6:00</b>	<b>16:30</b>	<b>10:30</b>	<b>DRLG 8737' - 8931' (194 FT, 18.5 FPH).</b>						Forklift:	<b>\$ 130</b>	
<b>16:30</b>	<b>17:00</b>	<b>0:30</b>	<b>RIG SERVICE, FUNCT. TEST HCR AND PIPE.</b>						Misc. / Labor:	<b>\$ -</b>	
<b>17:00</b>	<b>1:00</b>	<b>8:00</b>	<b>DRLG 8931' - 9053' (122 FT, 15.3 FPH).</b>						<b>Daily Total:</b>	<b>\$ 38,683</b>	
<b>1:00</b>	<b>1:30</b>	<b>0:30</b>	<b>PUMP PILL, DROP SURVEY, SET BACK KELLY.</b>						Cum. Wtr:	<b>\$ 9,252</b>	
<b>1:30</b>	<b>6:00</b>	<b>4:30</b>	<b>TOOH W/ BIT N° 1.</b>						Cum. Fuel	<b>\$ 25,409</b>	
									Cum. Bits:	<b>\$ 8,500</b>	
									<b>BHA</b>		
								7-7/8" BIT	<b>1</b>	<b>1.00</b>	
								DOG SUB	<b>1</b>	<b>0.67</b>	
								.14 MM	<b>1</b>	<b>35.50</b>	
								IBS	<b>1</b>	<b>4.96</b>	
								6-1/2" DC's	<b>12</b>	<b>373.20</b>	
									<b>TOTAL BHA =</b>		<b>415.33</b>
								Survey	<b>1-1/4°</b>	<b>7000'</b>	
								Survey	<b>1 3/4°</b>	<b>7996'</b>	
		<b>24.00</b>									
P/U	<b>190</b>	LITH:	<b>SHALE/SAND</b>				Bkg Gas:	<b>20-40</b>			
S/O	<b>175</b>	FLARE:	<b>NONE</b>				Conn Gas:	<b>50</b>			
ROT.	<b>180</b>	LAST CSG.RAN:	<b>8 5/8"</b>	SET @	<b>3522' G.L.</b>		Downtime Gas:	<b>NA</b>			
FUEL	Used: <b>945</b>	On Hand:	<b>9400</b>		Co.Man	<b>J DUNCAN</b>		Trip Gas	<b>NA</b>		





**GASCO ENERGY**  
DAILY DRILLING REPORT

CONFIDENTIAL

T 10S RIFE S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/2/2005		11			
Depth: 9662		Prog: 302		D Hrs: 23.5		AV ROP: 12.9		Formation: MESAVERDE			
DMC: \$1,622		TMC: \$35,555			TDC: \$32,418		CWC: 691,734				
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE			
MW:	9.1	#1 gps	3.5	Bit #:	2	Conductor:	\$ -	Loc Cost:	\$ -		
VIS:	42	SPM:	0	Size:	7.875	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	12/14	# 2 gps	3.5	Type:	HC506Z	Int. Csg:	\$ -	Day Rate:	\$ 14,750		
Gel:	10/30/41	SPM:	105	MFG:	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 1,581		
WL:	18	GPM :	348	S/N:	7107051	Float Equip:	\$ -	Trucking:	\$ -		
Cake:	1/	Press:	1290	Jets:	6-16	Well Head:	\$ -	Water:	\$ 10,240		
Solids:	5	AV DC:	343	In:	9053	TBG/Rods:	\$ -	Fuel:	\$ -		
Sand:	NA	AV DP:	208	Out:		Packers:	\$ -	Mud Logger:	\$ 800		
PH :	9	JetVel:	111	FTG:	609	Tanks:	\$ -	Logging:	\$ -		
Pf/Mf:	.3/5.5	ECD:	9.47	Hrs:	37.5	Separator:	\$ -	Cement:	\$ -		
Chlor:	10000	SPR #1 :		FPH:	16.2	Heater:	\$ -	Bits:	\$ -		
Ca :	140	SPR #2 :	70-560	WOB:	15-20	Pumping L/T:	\$ -	Mud Motors:	\$ 2,350		
Dapp ppb:	5.1	Btm.Up:	42	RPM:	45	Prime Mover:	\$ -	Corrosion:	\$ 95		
Time Break Down:			T/B/G:			Misc:	\$ -	Consultant:	\$ 850		
START	END	TIME	Rot. Hrs: 220.0			Daily Total:	\$ -	Drilling Mud:	\$ 1,622		
6:00	13:30	7:30	DRLG 9360' - 9470' (110 FT, 14.7 FPH).						Forklift:	\$ 130	
13:30	14:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE.						Misc. / Labor:	\$ -	
14:00	6:00	16:00	DRLG 9470' - 9662' (192 FT, 12.0 FPH).						Daily Total:	\$ 32,418	
									Cum. Wtr:	\$ 19,492	
									Cum. Fuel	\$ 25,409	
									Cum. Bits:	\$ 19,500	
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									DOG SUB	1	0.83
									.13 MM	1	33.07
									IBS	1	3.51
									6-1/2" DC's	12	372.20
									TOTAL BHA =	410.61	
									Survey	1 3/4°	7996'
									Survey	1 1/2°	9053'
		24.00									
P/U	200	LITH: SAND & SHALE			Bkg Gas:			20-40			
S/O	185	FLARE: NONE			Conn Gas:			50			
ROT.	190	LAST CSG RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:			NA			
FUEL	Used: 800	On Hand: 6013			Co.Man J DUNCAN			Trip Gas		NA	



# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

43-013-32560 AFE 40105

T 106 R17ES-17

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/3/2005</b>		<b>12</b>				
<b>Depth: 9730</b>		<b>Prog: 68</b>		<b>D Hrs: 7.5</b>		<b>AV ROP: 9.1</b>		<b>Formation: MESAVERDE</b>				
<b>DMC: \$691</b>		<b>TMC: \$36,246</b>			<b>TDC: \$19,397</b>		<b>CWC: 711,131</b>					
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>				
<b>MW: 9.4</b>	<b>#1 gps 3.5</b>	<b>Bit #: 2</b>	<b>3</b>	<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>						
<b>VIS: 42</b>	<b>SPM: 0</b>	<b>Size: 7.875 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>						
<b>PV/YP: 12/12</b>	<b># 2 gps 3.5</b>	<b>Type: HC506Z DSX275</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>						
<b>Gel: 9/22/30</b>	<b>SPM: 117</b>	<b>MFG: HTC HYC</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>						
<b>WL: 18</b>	<b>GPM: 388</b>	<b>S/N: 7107051 109575</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>						
<b>Cake: 1/</b>	<b>Press: 1230</b>	<b>Jets: 6-16 4-14, 4-16</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>						
<b>Solids: 4</b>	<b>AV DC: 342</b>	<b>In: 9053 9861</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>						
<b>Sand: NA</b>	<b>AV DP: 208</b>	<b>Out: 9681</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>						
<b>PH: 9</b>	<b>JetVel: 94</b>	<b>FTG: 628 49</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>						
<b>Pf/Mf: 3/4.9</b>	<b>ECD: 9.72</b>	<b>Hrs: 40 5</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>						
<b>Chlor: 10000</b>	<b>SPR #1:</b>	<b>FPH: 15.7 9.8</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>						
<b>Ca: 140</b>	<b>SPR #2: 70-620</b>	<b>WOB: 15-20 15-20</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 500</b>						
<b>Dapp ppb: 4.7</b>	<b>Btm.Up: 43</b>	<b>RPM: 45 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>						
<b>Time Break Down:</b>			<b>T/B/G:</b>		<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>					
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 222.5 227.5</b>		<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 691</b>					
6:00	8:30	2:30	DRLG 9662' - 9681' (19 FT, 7.6 FPH).					<b>Forklift: \$ 130</b>				
8:30	9:30	1:00	CIRC AND PUMP PILL, DROP SURVEY.					<b>Misc. / Labor: \$ -</b>				
9:30	13:30	4:00	TOOH W/ BIT N° 2.					<b>Daily Total: \$ 19,397</b>				
13:30	14:30	1:00	CHANGE OUT BHA PU BIT N° 3.					<b>Cum. Wtr: \$ 19,492</b>				
14:30	17:00	2:30	PU 4 DRILL COLLARS, TIH TO 8-5/8" CSG SHOE.					<b>Cum. Fuel \$ 25,409</b>				
17:00	19:00	2:00	SLIP AND CUT DRLG LINE.					<b>Cum. Bits: \$ 19,500</b>				
19:00	23:00	4:00	CONT. TIH W/ BIT N° 3, FILL PIPE @ 5100' AND 8754'.					<b>BHA</b>				
23:00	0:00	1:00	RIG REPAIR - WORK ON N° 2 MUD PUMP.					7-7/8" BIT	1	1.00		
0:00	1:00	1:00	WASH AND REAM 9546' - 9681', NO FILL.					DOG SUB	1	0.83		
1:00	6:00	5:00	DRLG 9681' - 9730' (49 FT, 9.8 FPH).					.13 MM	1	33.07		
								IBS	1	3.51		
			NOTE: N° 1 MUD IS NOT AVAILBLE.					6-1/2" DC's	16	495.95		
								<b>TOTAL BHA =</b>		<b>534.36</b>		
								<b>Survey</b>	1 1/2°	9053'		
								<b>Survey</b>	2°	9611'		
<b>P/U</b>	205	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 20-40</b>							
<b>S/O</b>	190	<b>FLARE: NONE</b>			<b>Conn Gas: 50</b>							
<b>ROT.</b>	200	<b>LAST CSG RAN: 8 5/8" SET @ 3522' G.L.</b>			<b>Downtime Gas: NA</b>							
<b>FUEL</b>	<b>Used: 952</b>	<b>On Hand: 5061</b>		<b>Co.Man J DUNCAN</b>		<b>Trip Gas</b>		<b>NA</b>				

T105 RIDE S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/4/2005		13			
Depth: 9944		Prog: 214		D Hrs: 23.5		AV ROP: 9.1		Formation: MESAVERDE			
DMC: \$1,688		TMC: \$37,935			TDC: \$22,924		CWC: 734,055				
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE			
MW: 9.4		#1 gps 3.5		Bit #: 3		Conductor: \$ -		Loc Cost: \$ -			
VIS: 42		SPM: 0		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -			
PV/YP: 13/15		# 2 gps 3.5		Type: DSX275		Int. Csg: \$ -		Day Rate: \$ 14,750			
Gel: 9/28/37		SPM: 117		MFG: HYC		Prod Csg: \$ -		Rental Tools: \$ 1,581			
WL: 18		GPM: 388		S/N: 109575		Float Equip: \$ -		Trucking: \$ -			
Cake: 1/		Press: 1300		Jets: 4-14, 4-16		Well Head: \$ -		Water: \$ -			
Solids: 4		AV DC: 342		In: 9681		TBG/Rods: \$ -		Fuel: \$ -			
Sand: NA		AV DP: 208		Out:		Packers: \$ -		Mud Logger: \$ 800			
PH: 9		JetVel: 94		FTG: 263		Tanks: \$ -		Logging: \$ -			
Pf/Mf: .3/5.4		ECD: 9.79		Hrs: 28.5		Separator: \$ -		Cement: \$ -			
Chlor: 10000		SPR #1:		FPH: 9.2		Heater: \$ -		Bits: \$ -			
Ca: 140		SPR #2: 71-640		WOB: 15-20		Pumping L/T: \$ -		Mud Motors: \$ 2,350			
Dapp ppb: 5		Btm.Up: 43.5		RPM: 45		Prime Mover: \$ -		Corrosion: \$ 95			
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850				
START	END	TIME	Rot. Hrs: 246.0		Daily Total: \$ -		Drilling Mud: \$ 1,688				
6:00	12:30	6:30	DRLG 9730' - 9785' (55 FT, 8.5 FPH).						Forklift: \$ 130		
12:30	13:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE.						Misc. / Labor: \$ 680		
13:00	6:00	17:00	DRLG 9785' - 9944' (159 FT, 9.3 FPH).						Daily Total: \$ 22,924		
									Cum. Wtr: \$ 19,492		
			<b>NOTE:</b>						Cum. Fuel \$ 25,409		
			N° 1 MUD PUMP IS NOT AVAILBLE, GEAR END DAMAGE.						Cum. Bits: \$ 19,500		
									<b>BHA</b>		
							7-7/8" BIT	1	1.00		
							DOG SUB	1	0.83		
							.13 MM	1	33.07		
							IBS	1	3.51		
							6-1/2" DC's	16	495.95		
									TOTAL BHA = 534.36		
									Survey	1 1/2°	9053'
									Survey	2°	9611'
		24.00									
P/U	205	LITH: SAND & SHALE			Bkg Gas:			20-40			
S/O	185	FLARE: NONE			Conn Gas:			50			
ROT.	200	LAST CSG RAN: 8 5/8" SET @ 3522' G.L.			Downtime Gas:			NA			
FUEL	Used: 785	On Hand: 4276		Co.Man J DUNCAN			Trip Gas NA				



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

*T105 R17E S-17 43-013-32560*

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/5/2005</b>		<b>14</b>			
<b>Depth: 10188</b>		<b>Prog: 244</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 10.4</b>		<b>Formation: MESAVERDE</b>			
<b>DMC: \$3,094</b>			<b>TMC: \$41,030</b>			<b>TDC: \$58,650</b>		<b>CWC: 792,705</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 9.6</b>		<b>#1 gps 3.5</b>		<b>Bit #: 3</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ 35,000</b>			
<b>VIS: 39</b>		<b>SPM: 0</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 9/13</b>		<b># 2 gps 3.5</b>		<b>Type: DSX275</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 8/27/35</b>		<b>SPM: 111</b>		<b>MFG: HYC</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 18</b>		<b>GPM: 368</b>		<b>S/N: 109575</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 1/</b>		<b>Press: 1470</b>		<b>Jets: 4-14, 4-16</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 5</b>		<b>AV DC: 342</b>		<b>In: 9681</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 208</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel: 94</b>		<b>FTG: 507</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.8</b>		<b>ECD: 9.93</b>		<b>Hrs: 52</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 10000</b>		<b>SPR #1: NA</b>		<b>FPH: 9.8</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 140</b>		<b>SPR #2: 70-660</b>		<b>WOB: 15-20</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 2,350</b>			
<b>Dapp ppb: 5.2</b>		<b>Btm.Up: 43.5</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 269.5</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 3,094</b>			
6:00	16:00	10:00	<b>DRLG 9944' - 10039' (95 FT, 9.5 FPH).</b>						<b>Forklift: \$ 130</b>		
16:00	16:30	0:30	<b>RIG SERVICE, FUNCT. TEST HCR AND PIPE.</b>						<b>Misc. / Labor: \$ -</b>		
16:30	6:00	13:30	<b>DRLG 10039' - 10188' (149 FT, 11.0 FPH).</b>						<b>Daily Total: \$ 58,650</b>		
									<b>Cum. Wtr: \$ 19,492</b>		
			<b>NOTE:</b>						<b>Cum. Fuel \$ 25,409</b>		
			<b>Nº 1 MUD PUMP IS NOT AVAIALBLE - GEAR END DAMAGE.</b>						<b>Cum. Bits: \$ 19,500</b>		
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									DOG SUB	1	0.83
									.13 MM	1	33.07
									IBS	1	3.51
									6-1/2" DC's	16	495.95
									<b>TOTAL BHA = 534.36</b>		
									Survey	1 1/2°	9053'
									Survey	2°	9611'
		<b>24.00</b>									
<b>P/U</b>	215	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 50-70</b>						
<b>S/O</b>	190	<b>FLARE: NONE</b>			<b>Conn Gas: 90</b>						
<b>ROT.</b>	205	<b>LAST CSG RAN: 8 5/8" SET @ 3522' G.L.</b>			<b>Downtime Gas: NA</b>						
<b>FUEL</b>	<b>Used: 915</b>	<b>On Hand: 3361</b>			<b>Co.Man J DUNCAN</b>			<b>Trip Gas NA</b>			



# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT

AFE 40105

T105 R10E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/6/2005</b>		<b>15</b>			
<b>Depth: 10420</b>		<b>Prog: 232</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 9.9</b>		<b>Formation: MESAVERDE</b>			
<b>DMC: \$2,832</b>		<b>TMC: \$43,862</b>			<b>TDC: \$23,388</b>		<b>CWC: 816,093</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW:</b>	9.7	<b>#1 gps</b>	3.5	<b>Bit #:</b>	3	<b>Conductor:</b>	\$ -	<b>Loc Cost:</b>	\$ -		
<b>VIS:</b>	44	<b>SPM:</b>	0	<b>Size:</b>	7.875	<b>Surf. Csg:</b>	\$ -	<b>Rig Move:</b>	\$ -		
<b>PV/YP:</b>	12/17	<b># 2 gps</b>	3.5	<b>Type:</b>	DSX275	<b>Int. Csg:</b>	\$ -	<b>Day Rate:</b>	\$ 14,750		
<b>Gel:</b>	13/34/47	<b>SPM:</b>	111	<b>MFG:</b>	HYC	<b>Prod Csg:</b>	\$ -	<b>Rental Tools:</b>	\$ 1,581		
<b>WL:</b>	18	<b>GPM :</b>	368	<b>S/N:</b>	109575	<b>Float Equip:</b>	\$ -	<b>Trucking:</b>	\$ -		
<b>Cake:</b>	1/	<b>Press:</b>	1470	<b>Jets:</b>	4-14, 4-16	<b>Well Head:</b>	\$ -	<b>Water:</b>	\$ -		
<b>Solids:</b>	5	<b>AV DC:</b>	342	<b>In:</b>	9681	<b>TBG/Rods:</b>	\$ -	<b>Fuel:</b>	\$ -		
<b>Sand:</b>	NA	<b>AV DP:</b>	208	<b>Out:</b>		<b>Packers:</b>	\$ -	<b>Mud Logger:</b>	\$ 800		
<b>PH :</b>	9	<b>JetVel:</b>	94	<b>FTG:</b>	739	<b>Tanks:</b>	\$ -	<b>Logging:</b>	\$ -		
<b>Pf/Mf:</b>	.3/4.9	<b>ECD:</b>	9.93	<b>Hrs:</b>	75.5	<b>Separator:</b>	\$ -	<b>Cement:</b>	\$ -		
<b>Chlor:</b>	8000	<b>SPR #1 :</b>	NA	<b>FPH:</b>	9.8	<b>Heater:</b>	\$ -	<b>Bits:</b>	\$ -		
<b>Ca :</b>	140	<b>SPR #2 :</b>	70-600	<b>WOB:</b>	15-20	<b>Pumping L/T:</b>	\$ -	<b>Mud Motors:</b>	\$ 2,350		
<b>Dapp ppb:</b>	4.8	<b>Btm.Up:</b>	43.5	<b>RPM:</b>	45	<b>Prime Mover:</b>	\$ -	<b>Corrosion:</b>	\$ 95		
<b>Time Break Down:</b>				<b>T/B/G:</b>		<b>Misc:</b>	\$ -	<b>Consultant:</b>	\$ 850		
<b>START</b>	<b>END</b>	<b>TIME</b>		<b>Rot. Hrs:</b>	293.0	<b>Daily Total:</b>	\$ -	<b>Drilling Mud:</b>	\$ 2,832		
6:00	13:00	7:00	DRLG 10188' - 10262' (74 FT, 10.6 FPH).						<b>Forklift:</b>	\$ 130	
13:00	13:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE.						<b>Misc. / Labor:</b>	\$ -	
13:30	6:00	16:30	DRLG 10262' - 10420' (158 FT, 9.6 FPH).						<b>Daily Total:</b>	\$ 23,388	
									<b>Cum. Wtr:</b>	\$ 19,492	
			<b>NOTE:</b>						<b>Cum. Fuel</b>	\$ 25,409	
			Nº 1 MUD PUMP IS NOT AVAILALBLE - GEAR END DAMAGE.						<b>Cum. Bits:</b>	\$ 19,500	
									<b>BHA</b>		
								7-7/8" BIT	1	1.00	
								DOG SUB	1	0.83	
								.13 MM	1	33.07	
								IBS	1	3.51	
								6-1/2" DC's	16	495.95	
									<b>TOTAL BHA =</b>	<b>534.36</b>	
								<b>Survey</b>	1 1/2°	9053'	
								<b>Survey</b>	2°	9611'	
<b>P/U</b>	215	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas:</b>			100			
<b>S/O</b>	195	<b>FLARE: NONE</b>			<b>Conn Gas:</b>			1300			
<b>ROT.</b>	205	<b>LAST CSG RAN: 8 5/8" SET @ 3522' G.L.</b>			<b>Downtime Gas:</b>			NA			
<b>FUEL</b>	<b>Used:</b>	1009	<b>On Hand:</b>	2352	<b>Co.Man J DUNCAN</b>			<b>Trip Gas</b>		NA	



**GASCO ENERGY**

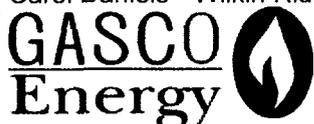
**DAILY DRILLING REPORT**

AFE 40105

*TIOS R17E S-17 43-013-32560*

**CONFIDENTIAL**

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/7/05</b>		<b>16</b>				
<b>Depth: 10518</b>		<b>Prog: 98</b>		<b>D Hrs: 9.0</b>		<b>AV ROP: 10.9</b>		<b>Formation: MESAVERDE</b>				
<b>DMC: \$2,506</b>		<b>TMC: \$46,369</b>			<b>TDC: \$46,812</b>		<b>CWC: 862,905</b>					
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>				
<b>MW: 9.9</b>		#1 gps 3.5		<b>Bit #: 3 4</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>				
<b>VIS: 50</b>		<b>SPM: 0</b>		<b>Size: 7.875 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>				
<b>PV/YP: 16/19</b>		# 2 gps 3.5		<b>Type: DSX275 DSX146</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>				
<b>Gel: 17/36/50</b>		<b>SPM: 109</b>		<b>MFG: HYC HYC</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>				
<b>WL: 16</b>		<b>GPM: 361</b>		<b>S/N: 109575 109987</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>				
<b>Cake: 1/</b>		<b>Press: 1560</b>		<b>Jets: 4-14, 4-16 3-14, 3-16</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>				
<b>Solids: 5</b>		<b>AV DC: 342</b>		<b>In: 9681 10447</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ 8,200</b>				
<b>Sand: NA</b>		<b>AV DP: 208</b>		<b>Out: 10447</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>				
<b>PH : 9</b>		<b>JetVel: 94</b>		<b>FTG: 766 71</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>				
<b>Pf/Mf: .3/5.1</b>		<b>ECD: 9.93</b>		<b>Hrs: 79 5.5</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>				
<b>Chlor: 9000</b>		<b>SPR #1: NA</b>		<b>FPH: 9.7 12.9</b>		<b>Heater: \$ -</b>		<b>Bits: N° 3 and 4. \$ 17,000</b>				
<b>Ca : 160</b>		<b>SPR #2: 68-690</b>		<b>WOB: 15-20 15-20</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 900</b>				
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 46.6</b>		<b>RPM: 45 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>				
<b>Time Break Down:</b>			<b>T/B/G:</b>		<b>Misc:</b>		<b>\$ - Consultant: \$ 850</b>					
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 296.5 302.0</b>		<b>Daily Total:</b>		<b>\$ - Drilling Mud: \$ 2,506</b>					
6:00	9:30	3:30	DRLG 10420' - 10447' (27 FT, 7.7 FPH).							<b>Forklift: \$ 130</b>		
9:30	10:30	1:00	CIRC, PUMP PILL, DROP SURVEY.							<b>Misc. / Labor: \$ -</b>		
10:30	16:30	6:00	TOH W/ BIT N° 3 (DOWN HOLE MOTOR FAILURE).							<b>Daily Total: \$ 46,812</b>		
16:30	18:00	1:30	CHANGE OUT BHA AND RIG SERVICE.							<b>Cum. Wtr: \$ 19,492</b>		
18:00	21:00	3:00	TIH W/ BIT N° 4, FILL PIPE AT 5039'.							<b>Cum. Fuel \$ 33,609</b>		
21:00	22:30	1:30	CONT. TIH W/ BIT N° 4, FILL PIPE AT 9100'.							<b>Cum. Bits: \$ 36,500</b>		
22:30	23:30	1:00	CONT. TIH W/ BIT N° 4, INSTALL ROTATING HEAD.							<b>BHA</b>		
23:30	0:30	1:00	WASH AND REAM 10356' - 10447'.							7-7/8" BIT	1	1.00
0:30	6:00	5:30	DRLG 10447' - 10518' (71 FT, 12.9 FPH).							DOG SUB	1	0.67
										22 MM	1	33.13
			<b>NOTE:</b>							IBS	1	3.51
			N° 1 MUD PUMP IS NOT AVAILALBLE - GEAR END DAMAGE.							6-1/2" DC's	16	495.95
										<b>TOTAL BHA = 534.26</b>		
										<b>Survey</b>	2°	9611'
										<b>Survey</b>	1°	10367'
<b>P/U</b>	215	<b>LITH: SAND &amp; SHALE</b>						<b>Bkg Gas: 100</b>				
<b>S/O</b>	190	<b>FLARE: NONE</b>						<b>Conn Gas: 1300</b>				
<b>ROT.</b>	210	<b>LAST CSG RAN: 8 5/8" SET @ 3522' G.L.</b>						<b>Downtime Gas: NA</b>				
<b>FUEL Used:</b>	736	<b>On Hand: 6016</b>		<b>Co.Man J DUNCAN</b>				<b>Trip Gas 4000</b>				



# GASCO ENERGY

**CONFIDENTIAL**

## DAILY DRILLING REPORT

AFE 40105

T105 R19E S-19 43-013 32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/8/05</b>		<b>17</b>	
<b>Depth: 10778</b>		<b>Prog: 260</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 11.1</b>		<b>Formation: MESAVERDE</b>	
<b>DMC: \$2,506</b>		<b>TMC: \$46,369</b>			<b>TDC: \$23,062</b>		<b>CWC: 885,967</b>		
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>	
<b>MW: 9.9</b>	<b>#1 gps 3.5</b>	<b>Bit #: 4</b>	<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>				
<b>VIS: 44</b>	<b>SPM: 0</b>	<b>Size: 7.875</b>	<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>				
<b>PV/YP: 11/19</b>	<b># 2 gps 3.5</b>	<b>Type: DSX146</b>	<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>				
<b>Gel: 16/38/54</b>	<b>SPM: 111</b>	<b>MFG: HYC</b>	<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>				
<b>WL: 18</b>	<b>GPM: 368</b>	<b>S/N: 109987</b>	<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>				
<b>Cake: 1/</b>	<b>Press: 1590</b>	<b>Jets: 3-14, 3-16</b>	<b>Well Head: \$ -</b>		<b>Water: \$ -</b>				
<b>Solids: 4</b>	<b>AV DC: 342</b>	<b>In: 10447</b>	<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>				
<b>Sand: NA</b>	<b>AV DP: 208</b>	<b>Out:</b>	<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>				
<b>PH : 9</b>	<b>JetVel: 94</b>	<b>FTG: 331</b>	<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>				
<b>Pf/Mf: .3/5.6</b>	<b>ECD: 10.38</b>	<b>Hrs: 29</b>	<b>Separator: \$ -</b>		<b>Cement: \$ -</b>				
<b>Chlor: 9000</b>	<b>SPR #1: NA</b>	<b>FPH: 11.4</b>	<b>Heater: \$ -</b>		<b>Bits: \$ -</b>				
<b>Ca : 160</b>	<b>SPR #2: 68-730</b>	<b>WOB: 15-20</b>	<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 2,350</b>				
<b>Dapp ppb: 5.3</b>	<b>Btm.Up: 47.7</b>	<b>RPM: 45</b>	<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>				
<b>Time Break Down:</b>			<b>T/B/G:</b>		<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 325.5</b>		<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 2,506</b>		
6:00	16:00	10:00	DRLG 10518' - 10639' (121 FT, 12.1 FPH).		Forklift: \$ 130				
16:00	16:30	0:30	CIRC, PUMP PILL, DROP SURVEY.		Misc. / Labor: \$ -				
16:30	6:00	13:30	DRLG 10639' - 10778' (139 FT, 10.3 FPH).		<b>Daily Total: \$ 23,062</b>				
					<b>Cum. Wtr: \$ 19,492</b>				
			<b>NOTE:</b>		<b>Cum. Fuel \$ 33,609</b>				
			Nº 1 MUD PUMP IS NOT AVAILALBLE - GEAR END DAMAGE.		<b>Cum. Bits: \$ 36,500</b>				
					<b>BHA</b>				
					7-7/8" BIT 1 1.00				
					DOG SUB 1 0.67				
					22 MM 1 33.13				
					IBS 1 3.51				
					6-1/2" DC's 16 495.95				
					<b>TOTAL BHA = 534.26</b>				
					<b>Survey 2° 9611'</b>				
					<b>Survey 1° 10367'</b>				
<b>P/U 225</b>	<b>LITH: SAND &amp; SHALE</b>		<b>Bkg Gas: 200</b>						
<b>S/O 200</b>	<b>FLARE: NONE</b>		<b>Conn Gas: 1300</b>						
<b>ROT. 212</b>	<b>LAST CSG RAN: 8 5/8" SET @ 3522' G.L.</b>		<b>Downtime Gas: NA</b>						
<b>FUEL Used: 759</b>	<b>On Hand: 9257</b>		<b>Co.Man J DUNCAN</b>		<b>Trip Gas NA</b>				



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

*T105 R17F S-17 43-013-32560*

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/9/2005</b>		<b>18</b>		
<b>Depth: 11059</b>		<b>Prog: 281</b>		<b>D Hrs: 22.0</b>		<b>AV ROP: 12.8</b>		<b>Formation: MESAVERDE</b>		
<b>DMC: \$2,506</b>		<b>TMC: \$46,369</b>			<b>TDC: \$35,862</b>		<b>CWC: 921,829</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>		
<b>MW: 9.9</b>	<b>#1 gps 3.5</b>	<b>Bit #: 4</b>				<b>Conductor: \$ -</b>	<b>Loc Cost: \$ -</b>			
<b>VIS: 48</b>	<b>SPM: 0</b>	<b>Size: 7.875</b>				<b>Surf. Csg: \$ -</b>	<b>Rig Move: \$ -</b>			
<b>PV/YP: 13/21</b>	<b># 2 gps 3.5</b>	<b>Type: DSX146</b>				<b>Int. Csg: \$ -</b>	<b>Day Rate: \$ 14,750</b>			
<b>Gel: 15/40/58</b>	<b>SPM: 109</b>	<b>MFG: HYC</b>				<b>Prod Csg: \$ -</b>	<b>Rental Tools: \$ 1,581</b>			
<b>WL: 18</b>	<b>GPM: 361</b>	<b>S/N: 109987</b>				<b>Float Equip: \$ -</b>	<b>Trucking: \$ -</b>			
<b>Cake: 1/</b>	<b>Press: 1580</b>	<b>Jets: 3-14, 3-16</b>				<b>Well Head: \$ -</b>	<b>Water: \$ 4,800</b>			
<b>Solids: 4.2</b>	<b>AV DC: 342</b>	<b>In: 10447</b>				<b>TBG/Rods: \$ -</b>	<b>Fuel: \$ 7,400</b>			
<b>Sand: NA</b>	<b>AV DP: 208</b>	<b>Out:</b>				<b>Packers: \$ -</b>	<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>	<b>JetVel: 94</b>	<b>FTG: 612</b>				<b>Tanks: \$ -</b>	<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.4</b>	<b>ECD: 10.44</b>	<b>Hrs: 51</b>				<b>Separator: \$ -</b>	<b>Cement: \$ -</b>			
<b>Chlor: 10000</b>	<b>SPR #1: NA</b>	<b>FPH: 12.0</b>				<b>Heater: \$ -</b>	<b>Bits: \$ -</b>			
<b>Ca: 160</b>	<b>SPR #2: 68-760</b>	<b>WOB: 15-20</b>				<b>Pumping L/T: \$ -</b>	<b>Mud Motors: \$ 2,200</b>			
<b>Dapp ppb: 5.1</b>	<b>Btm.Up: 48.6</b>	<b>RPM: 45</b>				<b>Prime Mover: \$ -</b>	<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>	<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 347.5</b>			<b>Daily Total: \$ -</b>	<b>Drilling Mud: \$ 2,506</b>			
6:00	7:00	1:00	DRLG 10778' - 10801' (23 FT, 23.0 FPH).				<b>Forklift: \$ 130</b>			
7:00	8:00	1:00	RIG REPAIR - CHANGE OUT N° 2 PUMP SEAT.				<b>Misc. / Labor: \$ 750</b>			
8:00	15:00	7:00	DRLG 10801' - 10890' (89 FT, 12.7 FPH).				<b>Daily Total: \$ 35,862</b>			
15:00	15:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE, HYDRIL.				<b>Cum. Wtr: \$ 24,292</b>			
15:30	17:00	1:30	DRLG 10890' - 10910' (20 FT, 13.3 FPH).				<b>Cum. Fuel \$ 41,009</b>			
17:00	17:30	0:30	RIG REPAIR - CHANGE OUT N° 2 PUMP SEAT.				<b>Cum. Bits: \$ 36,500</b>			
17:30	6:00	12:30	DRLG 10910' - 11059' (149 FT, 11.9 FPH).				<b>BHA</b>			
							7-7/8" BIT	1	1.00	
			<b>NOTE:</b>				DOG SUB	1	0.67	
			N° 1 MUD PUMP IS NOT AVAILALBLE - GEAR END DAMAGE.				.22 MM	1	33.13	
							IBS	1	3.51	
							6-1/2" DC's	16	495.95	
							<b>TOTAL BHA =</b>	<b>534.26</b>		
							<b>Survey</b>	2°	9611'	
							<b>Survey</b>	1°	10367'	
<b>P/U</b>	230	<b>LITH: SAND &amp; SHALE</b>				<b>Bkg Gas:</b>		300		
<b>S/O</b>	205	<b>FLARE: NONE</b>				<b>Conn Gas:</b>		1300		
<b>ROT.</b>	215	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' G.L.</b>		<b>Downtime Gas:</b>		NA		
<b>FUEL Used:</b>	1346	<b>On Hand: 9257</b>		<b>Co.Man J DUNCAN</b>		<b>Trip Gas</b>		NA		





**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

T105 R 17E S-19 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/11/2005		20			
Depth: 11319		Prog: 124		D Hrs: 16.0		AV ROP: 7.8		Formation: MESAVERDE			
DMC: \$709		TMC: \$51,325			TDC: \$29,015		CWC: 972,709				
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE			
MW:	9.9	#1 gps	3.5	Bit #:	5	Conductor:	\$ -	Loc Cost:	\$ -		
VIS:	47	SPM:	0	Size:	7.875	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	13/18	# 2 gps	3.5	Type:	F45H	Int. Csg:	\$ -	Day Rate:	\$ 14,750		
Gel:	15/38/50	SPM:	106	MFG:	STC	Prod Csg:	\$ -	Rental Tools:	\$ 1,581		
WL:	18	GPM :	351	S/N:	PB5152	Float Equip:	\$ -	Trucking:	\$ -		
Cake:	1/	Press:	1520	Jets:	3-18	Well Head:	\$ -	Water:	\$ -		
Solids:	4	AV DC:	310	In:	11195	TBG/Rods:	\$ -	Fuel:	\$ -		
Sand:	NA	AV DP:	189	Out:		Packers:	\$ -	Mud Logger:	\$ 800		
PH :	9	JetVel:	159	FTG:	124	Tanks:	\$ -	Logging:	\$ -		
Pf/Mf:	.3/5	ECD:	10.34	Hrs:	16	Separator:	\$ -	Cement:	\$ -		
Chlor:	10000	SPR #1 :	NA	FPH:	7.8	Heater:	\$ -	Bits:	\$ 8,500		
Ca :	160	SPR #2 :	68-760	WOB:	15-20	Pumping L/T:	\$ -	Mud Motors:	\$ 1,600		
Dapp ppb:	4.8	Btm.Up:	48.6	RPM:	45	Prime Mover:	\$ -	Corrosion:	\$ 95		
Time Break Down:			T/B/G:			Misc:		\$ -		Consultant:	\$ 850
START	END	TIME	Rot. Hrs: 379.5			Daily Total:		\$ -		Drilling Mud:	\$ 709
6:00	8:00	2:00	CHANGE OUT BHA.						Forklift:	\$ 130	
8:00	12:00	4:00	TIH W/ BIT N° 5 (FILL PIPE AT 5,000' AND 9000').						Misc. / Labor:	\$ -	
12:00	14:00	2:00	WASH AND REAM 11013' - 11195'.						Daily Total:	\$ 29,015	
14:00	6:00	16:00	DRLG 11195' - 11319' (124 FT, 7.8 FPH).						Cum. Wtr:	\$ 24,292	
									Cum. Fuel	\$ 41,009	
			<b>NOTE:</b>						Cum. Bits:	\$ 45,000	
			N° 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.						<b>BHA</b>		
									7-7/8" BIT	1	1.00
									DOG SUB	1	0.88
									.28 MM	1	26.90
									IBS	1	4.98
									6-1/2" DC's	24	742.49
									TOTAL BHA = 776.25		
									Survey	1°	10367'
									Survey	MR	11125'
P/U	245	LITH: SAND & SHALE			Bkg Gas:			1200			
S/O	220	FLARE: NONE			Conn Gas:			1650			
ROT.	230	LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)			Downtime Gas:			NA			
FUEL	Used: 1025	On Hand: 7201			Co.Man J DUNCAN			Trip Gas 4116			



# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT

AFE 40105

T105 R17E 3-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: WASH AND REAM</b>			<b>Date: 6/12/2005</b>		<b>21</b>		
<b>Depth: 11372</b>		<b>Prog: 53</b>		<b>D Hrs: 9.0</b>		<b>AV ROP: 5.9</b>		<b>Formation: MESAVERDE</b>		
<b>DMC: \$1,065</b>		<b>TMC: \$52,390</b>			<b>TDC: \$40,171</b>		<b>CWC: 1,012,880</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>		
<b>MW: 9.9</b>	<b>#1 gps 3.5</b>	<b>Bit #: 5</b>	<b>6</b>	<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>				
<b>VIS: 44</b>	<b>SPM: 0</b>	<b>Size: 7.875 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>				
<b>PV/YF: 13/14</b>	<b># 2 gps 3.5</b>	<b>Type: F45H KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>				
<b>Gel: 10/27/35</b>	<b>SPM: 106</b>	<b>MFG: STC STC/GEO</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>				
<b>WL: 20</b>	<b>GPM: 351</b>	<b>S/N: PB5152 JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>				
<b>Cake: 1/</b>	<b>Press: 1520</b>	<b>Jets: 3-18 TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>				
<b>Solids: 4</b>	<b>AV DC: 310</b>	<b>In: 11195 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>				
<b>Sand: NA</b>	<b>AV DP: 189</b>	<b>Out: 11372</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>				
<b>PH: 9</b>	<b>JetVel: 159</b>	<b>FTG: 177</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>				
<b>Pf/Mf: .3/5.7</b>	<b>ECD: 10.26</b>	<b>Hrs: 25</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>				
<b>Chlor: 10000</b>	<b>SPR #1: NA</b>	<b>FPH: 7.1</b>		<b>Heater: \$ -</b>		<b>Bits: \$ 20,000</b>				
<b>Ca: 140</b>	<b>SPR #2: 68-700</b>	<b>WOB: 40-45</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 900</b>				
<b>Dapp ppb: 5.5</b>	<b>Btm.Up: 55.5</b>	<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>				
<b>Time Break Down:</b>			<b>T/B/G: 6-6-1/8"</b>		<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 388.5</b>		<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,065</b>			
6:00	15:00	9:00	DRLG 11319' - 11372' (53 FT, 5.9 FPH).					<b>Forklift: \$ 130</b>		
15:00	15:30	0:30	CIRC, PUMP PILL, DROP SURVEY.					<b>Misc. / Labor: \$ -</b>		
15:30	21:00	5:30	TOH W/ BIT N° 5, (CHECK WEAR BUSHING - OK).					<b>Daily Total: \$ 40,171</b>		
21:00	0:00	3:00	CHANGE BHA, TIH W/ BIT N° 6 T/ 8-5/8" CSG SHOE.					<b>Cum. Wtr: \$ 24,292</b>		
0:00	1:00	1:00	SLIP AND CUT DRLG LINE.					<b>Cum. Fuel \$ 41,009</b>		
1:00	4:30	3:30	TIH W/ BIT N° 6, FILL PIPE @ 5500', 9100', AND 11, 200'.					<b>Cum. Bits: \$ 45,000</b>		
4:30	6:00	1:30	WASH AND REAM 11274' - 11372'.					<b>BHA</b>		
								7-7/8" BIT	1	1.00
			<b>NOTE:</b>					1.5 MM	1	30.48
			N° 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.					6-1/2" DC's	24	742.49
								<b>TOTAL BHA = 773.97</b>		
								<b>Survey</b>	3/4°	11300'
		<b>24.00</b>								
<b>P/U</b>	250	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 1345</b>					
<b>S/O</b>	220	<b>FLARE: NONE</b>			<b>Conn Gas: 1450</b>					
<b>ROT.</b>	235	<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: NA</b>					
<b>FUEL</b>	<b>Used: 797</b>	<b>On Hand: 5379</b>			<b>Co.Man J DUNCAN</b>		<b>Trip Gas NA</b>			





**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

CONFIDENTIAL

T105 RIDE S-17 43-013-32566

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/14/2005</b>		<b>23</b>			
<b>Depth: 11683</b>		<b>Prog: 175</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 7.4</b>		<b>Formation: MESAVERDE</b>			
<b>DMC: \$950</b>			<b>TMC: \$55,567</b>			<b>TDC: \$36,506</b>		<b>CWC: 1,072,598</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.2</b>		<b>#1 gps 3.5</b>		<b>Bit #: 6</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 40</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 11/19</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 11/37/49</b>		<b>SPM: 98</b>		<b>MFG: STC DIAMOND IMPREG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 16</b>		<b>GPM: 325</b>		<b>S/N: JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 1/</b>		<b>Press: 1960</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 10</b>		<b>AV DC: 287</b>		<b>In: 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ 15,000</b>			
<b>Sand: NA</b>		<b>AV DP: 174</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel: 74</b>		<b>FTG: 311</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.1</b>		<b>ECD: 10.62</b>		<b>Hrs: 46.5</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 11000</b>		<b>SPR #1: NA</b>		<b>FPH: 6.7</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 160</b>		<b>SPR #2: 67-770</b>		<b>WOB: 20-22</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 2,350</b>			
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 61.2</b>		<b>RPM: 70</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 435.0</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 950</b>			
6:00	12:00	6:00	<b>DRLG 11508' - 11546' (38 FT, 6.3 FPH).</b>						<b>Forklift: \$ 130</b>		
12:00	12:30	0:30	<b>RIG SERVICE, FUNCT. TEST HCR AND PIPE, HYDRIL.</b>						<b>Misc. / Labor: \$ -</b>		
12:30	6:00	17:30	<b>DRLG 11546' - 11683' (137 FT, 7.8 FPH).</b>						<b>Daily Total: \$ 36,506</b>		
									<b>Cum. Wtr: \$ 24,292</b>		
			<b>NOTE:</b>						<b>Cum. Fuel \$ 56,009</b>		
			<b>Nº 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.</b>						<b>Cum. Bits: \$ 65,000</b>		
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									1.5 MM	1	30.48
									6-1/2" DC's	24	742.49
									<b>TOTAL BHA =</b>	<b>773.97</b>	
									<b>Survey</b>	3/4°	11300'
		<b>24.00</b>									
<b>P/U</b>	250	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 1700</b>						
<b>S/O</b>	225	<b>FLARE: NONE</b>			<b>Conn Gas: 4527</b>						
<b>ROT.</b>	235	<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: NA</b>						
<b>FUEL Used:</b>	1219	<b>On Hand: 11057</b>			<b>Co.Man J DUNCAN</b>			<b>Trip Gas NA</b>			





**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

CONFIDENTIAL

T105 R17E S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/16/2005		25			
Depth: 11970		Prog: 128		D Hrs: 22.5		AV ROP: 5.7		Formation: MESAVERDE			
DMC: \$1,711		TMC: \$59,232			TDC: \$34,417		CWC: 1,130,244				
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE			
MW: 10.4		#1 gps 3.5		Bit #: 6		Conductor: \$ -		Loc Cost: \$ -			
VIS: 41		SPM: NA		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -			
PV/YP: 10/19		# 2 gps 3.5		Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750			
Gel: 16/47/52		SPM: 102		MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581			
WL: 18.4		GPM: 338		S/N: JT8632		Float Equip: \$ -		Trucking: \$ 150			
Cake: 1/		Press: 1850		Jets: TFA 1.2		Well Head: \$ -		Water: \$ 2,100			
Solids: 10		AV DC: 299		In: 11372		TBG/Rods: \$ -		Fuel: \$ -			
Sand: NA		AV DP: 181		Out:		Packers: \$ -		Mud Logger: \$ 800			
PH: 8		JetVel: 153		FTG: 598		Tanks: \$ -		Logging: \$ -			
Pf/Mf: 0/5.5		ECD: 10.87		Hrs: 92		Separator: \$ -		Cement: \$ -			
Chlor: 11000		SPR #1: NA		FPH: 6.5		Heater: \$ -		Bits: \$ 10,000			
Ca: 80		SPR #2: 65-830		WOB: 20-22		Pumping L/T: \$ -		Mud Motors: \$ 2,250			
Dapp ppb: 5.2		Btm.Up: 60.7		RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95			
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850				
START	END	TIME	Rot. Hrs: 480.5		Daily Total: \$ -		Drilling Mud: \$ 1,711				
6:00	9:00	3:00	DRLG 11842' - 11865' (23 FT, 7.7 FPH).						Forklift: \$ 130		
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE, HYDRIL.						Misc. / Labor: \$ -		
9:30	3:00	17:30	DRLG 11865' - 11961' (96 FT, 5.5 FPH).						Daily Total: \$ 34,417		
3:00	4:00	1:00	RIG REPAIR - N° 2 PUMP.						Cum. Wtr: \$ 26,392		
4:00	6:00	2:00	DRLG 11961' - 11970' (9 FT, 4.5 FPH).						Cum. Fuel \$ 56,009		
									Cum. Bits: \$ 65,000		
			<b>NOTE:</b>						<b>BHA</b>		
			N° 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.						7-7/8" BIT	1	1.00
									1.5 MM	1	30.48
									6-1/2" DC's	24	742.49
									TOTAL BHA = 773.97		
									Survey	3/4°	11300'
		24.00									
P/U	365	LITH: SAND & SHALE		Bkg Gas:		4000					
S/O	235	FLARE: NONE		Conn Gas:		7607					
ROT.	243	LAST CSG RAN: 8 5/8"		SET @ 3522' GL (3540' KB)		Downtime Gas:		5767			
FUEL	Used: 1119	On Hand: 8967		Co.Man J DUNCAN		Trip Gas		NA			



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

T103 R17E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/17/2005</b>		<b>26</b>		
<b>Depth: 12070</b>		<b>Prog: 100</b>		<b>D Hrs: 20.0</b>		<b>AV ROP: 5.0</b>		<b>Formation: MESAVERDE</b>		
<b>DMC: \$1,643</b>		<b>TMC: \$60,875</b>			<b>TDC: \$22,189</b>		<b>CWC: 1,152,433</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>		
<b>MW: 10.5</b>		<b>#1 gps 3.5</b>		<b>Bit #: 6</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>		
<b>VIS: 42</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>		
<b>PV/YP: 14/19</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>		
<b>Gel: 17/43/47</b>		<b>SPM: 98</b>		<b>MFG: STC DIAMOND IMPREG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>		
<b>WL: 13.6</b>		<b>GPM: 325</b>		<b>S/N: JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ 340</b>		
<b>Cake: 1/</b>		<b>Press: 1800</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>		
<b>Solids: 10</b>		<b>AV DC: 299</b>		<b>In: 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>		
<b>Sand: NA</b>		<b>AV DP: 181</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>		
<b>PH: 8</b>		<b>JetVel: 153</b>		<b>FTG: 698</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>		
<b>Pf/Mf: .01/5.6</b>		<b>ECD: 10.97</b>		<b>Hrs: 112</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>		
<b>Chlor: 11000</b>		<b>SPR #1: NA</b>		<b>FPH: 6.2</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>		
<b>Ca: 120</b>		<b>SPR #2: 67-800</b>		<b>WOB: 20-22</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 2,000</b>		
<b>Dapp ppb: 5.4</b>		<b>Btm.Up: 61.3</b>		<b>RPM: 54</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>		
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 500.5</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,643</b>		
6:00	9:30	3:30	DRLG 11970' - 11993' (23 FT, 6.6 FPH).					<b>Forklift: \$ 130</b>		
9:30	10:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE, HYDRIL.					<b>Misc. / Labor: \$ -</b>		
10:00	17:00	7:00	DRLG 11993' - 12025' (32 FT, 4.5 FPH).					<b>Daily Total: \$ 22,189</b>		
17:00	20:30	3:30	RIG REPAIR - N° 2 PUMP.					<b>Cum. Wtr: \$ 26,392</b>		
20:30	6:00	9:30	DRLG 12025' - 12070' (45 FT, 4.7 FPH).					<b>Cum. Fuel \$ 56,009</b>		
								<b>Cum. Bits: \$ 65,000</b>		
			<b>NOTE:</b>					<b>BHA</b>		
			N° 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.					7-7/8" BIT	1	1.00
								1.5 MM	1	30.48
								6-1/2" DC's	24	742.49
								<b>TOTAL BHA = 773.97</b>		
								<b>Survey</b>	3/4°	11300'
		<b>24.00</b>								
<b>P/U</b>	260	<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 3000</b>					
<b>S/O</b>	235	<b>FLARE: NONE</b>			<b>Conn Gas: 4646</b>					
<b>ROT.</b>	243	<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: 5323</b>					
<b>FUEL</b>	Used: 1056	<b>On Hand: 7911</b>			<b>Co.Man J DUNCAN</b>		<b>Trip Gas</b>		NA	

T105 R17E S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/18/2005		27		
Depth: 12104	Prog: 34	D Hrs: 5.0	AV ROP: 6.8	Formation: MESAVERDE						
DMC: \$991		TMC: \$61,866		TDC: \$20,017		CWC: 1,172,450				
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS		TANGIBLE		INTANGIBLE			
MW: 10.5	#1 gps 3.5	Bit #: 6	Conductor: \$ -		Loc Cost: \$ -					
VIS: 43	SPM: NA	Size: 7.875	Surf. Csg: \$ -		Rig Move: \$ -					
PV/YP: 16/18	# 2 gps 3.5	Type: KGR50BPX	Int. Csg: \$ -		Day Rate: \$ 14,750					
Gel: 16/42/46	SPM: 98	MFG: STC DIAMOND IMPREG	Prod Csg: \$ -		Rental Tools: \$ 1,581					
WL: 13.2	GPM: 325	S/N: JT8632	Float Equip: \$ -		Trucking: \$ 320					
Cake: 1/	Press: 1800	Jets: TFA 1.2	Well Head: \$ -		Water: \$ -					
Solids: 10	AV DC: 351	In: 11372	TBG/Rods: \$ -		Fuel: \$ -					
Sand: NA	AV DP: 276	Out:	Packers: \$ -		Mud Logger: \$ 800					
PH: 8	JetVel:	FTG: 732	Tanks: \$ -		Logging: \$ -					
Pf/Mf: .01/4.7	ECD: 10.97	Hrs: 117	Separator: \$ -		Cement: \$ -					
Chlor: 11000	SPR #1: NA	FPH: 6.3	Heater: \$ -		Bits: \$ -					
Ca: 280	SPR #2: 67-800	WOB: 20-22	Pumping L/T: \$ -		Mud Motors: \$ 500					
Dapp ppb: 5.2	Btm.Up: 61.3	RPM: 54	Prime Mover: \$ -		Corrosion: \$ 95					
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850			
START	END	TIME	Rot. Hrs:	506	Daily Total: \$ -		Drilling Mud: \$ 991			
6:00	9:00	3:00	DRLG 12070' - 12087' (17 FT, 5.7 FPH).				Forklift: \$ 130			
9:00	9:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE, HYDRIL.				Misc. / Labor: \$ -			
9:30	11:30	2:00	DRLG 12087' - 12104' (17 FT, 8.5 FPH).				Daily Total: \$ 20,017			
11:30	14:30	3:00	MIX AND PUMP PILL W/O SUCCESS, MOTOR PLUGGED.				Cum. Wtr: \$ 26,392			
14:30	18:00	3:30	POOH				Cum. Fuel \$ 56,009			
18:00	18:30	0:30	HOOKUP CENTRIFICAL TO FILL HOLE				Cum. Bits: \$ 65,000			
18:30	22:30	4:00	POOH				BHA			
22:30	1:30	3:00	WORK STUCK PIPE				7-7/8" BIT	1	1.00	
1:30	4:00	2:30	WO FISHING TOOLS				1.5 MM	1	30.48	
4:00	6:00	2:00	JAR ON DP				6-1/2" DC's	24	742.49	
			NOTE:							
			N° 2 MUD PUMP NOT AVAILALBLE - CLUTCH BURNED UP							
			N° 1 MUD PUMP NOT AVAILALBLE - GEAR END DAMAGE.							
							TOTAL BHA = 773.97			
							Survey		3/4°	11300'
			24.00							
P/U	265	LITH: SAND & SHALE		Bkg Gas:		3000				
S/O	235	FLARE: NONE		Conn Gas:		6271				
ROT.	244	LAST CSG RAN: 8 5/8"		SET @	3522' GL (3540' KB)		Downtime Gas: N/A			
FUEL	Used: 782	On Hand: 7129		Co.Man		V GUINN		Trip Gas N/A		



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

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T10S R17E S17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/19/2005		28		
Depth: 12104		Prog: 0	D Hrs: 0.0		AV ROP: #DIV/0!		Formation: MESAVERDE			
DMC: \$991		TMC: \$62,857			TDC: \$19,857		CWC: 1,192,307			
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE		
MW: 10.2		#1 gps 3.5	Bit #: 6		Conductor: \$ -		Loc Cost: \$ -			
VIS: 48		SPM: NA	Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -			
PV/YP: 12/15		# 2 gps 3.5	Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750			
Gel: 14/43/46		SPM: 8	MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581			
WL: 13.8		GPM: 27	S/N: JT8632		Float Equip: \$ -		Trucking: \$ 660			
Cake: 1/		Press: 1800	Jets: TFA 1.2		Well Head: \$ -		Water: \$ -			
Solids: 11		AV DC: 351	In: 11372		TBG/Rods: \$ -		Fuel: \$ -			
Sand: NA		AV DP: 276	Out:		Packers: \$ -		Mud Logger: \$ 800			
PH: 8		JetVel:	FTG: 732		Tanks: \$ -		Logging: \$ -			
Pr/Mf: .01/4.2		ECD: 10.97	Hrs: 117		Separator: \$ -		Cement: \$ -			
Chlor: 10000		SPR #1: NA	FPH: 6.3		Heater: \$ -		Bits: \$ -			
Ca: 400		SPR #2: 67-900	WOB: 20-22		Pumping L/T: \$ -		Mud Motors: \$ -			
Dapp ppb: 5.2		Btm.Up: 61.3	RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95			
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850			
START	END	TIME	Rot. Hrs: 506		Daily Total: \$ -		Drilling Mud: \$ 991			
6:00	6:30	0:30	JAR ON DP					Forklift: \$ 130		
6:30	7:30	1:00	RIG SERVICE, FUNCT. TEST, INSPECT DERRICK					Misc. / Labor: \$ -		
7:30	13:00	5:30	WO WIRELINE TRUCK					Daily Total: \$ 19,857		
13:00	17:00	4:00	FREE POINT DP					Cum. Wtr: \$ 26,392		
17:00	18:30	1:30	PERFORATE BTM DC W/ 4 HOLES					Cum. Fuel \$ 56,009		
18:30	18:30	0:00	CIRC HOLE AND WORK DP					Cum. Bits: \$ 65,000		
18:30	22:00	3:30	BACK OFF @3445'					<b>BHA</b>		
22:00	0:00	2:00	POOH LAYING DN 1 DC.					7-7/8" BIT	1	1.00
0:00	2:00	2:00	PU JARS, BS, AND 6 DC					1.5 MM	1	30.48
2:00	4:00	2:00	TIH					6-1/2" DC's	21	649.49
4:00	6:00	2:00	SCREW INTO FISH AND BEGIN JARRING AND BUMPING					SUB	1	3.04
								BUMP SUB	1	10.74
			NOTE:					JARS	1	11.59
			BOTH MUD PUMPS ARE FULLY OPERATIONAL					6-1/2" DC's	6	181.71
								SLINGER	1	14.97
								TOTAL BHA = 903.02		
								Survey	3/4°	11300'
		24.00								
P/U	LITH: SAND & SHALE					Bkg Gas: 0				
S/O	FLARE: NONE					Conn Gas: 0				
ROT.	LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)					Downtime Gas: N/A				
FUEL	Used: 634	On Hand: 6495		Co.Man V GUINN		Trip Gas N/A				



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

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T109 R12F S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 6/20/2005</b>		<b>29</b>			
<b>Depth: 12104</b>		<b>Prog: 0</b>		<b>D Hrs: 0.0</b>		<b>AV ROP:</b>		<b>Formation: MESAVERDE</b>			
<b>DMC: \$1,795</b>		<b>TMC: \$64,652</b>			<b>TDC: \$20,441</b>		<b>CWC: 1,212,748</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.3</b>		<b>#1 gps 3.5</b>		<b>Bit #: 6</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 42</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 12/10</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 14/43/46</b>		<b>SPM: 0</b>		<b>MFG: STC DIAMOND IMPREG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 14.2</b>		<b>GPM: 0</b>		<b>S/N: JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ 440</b>			
<b>Cake: 1/</b>		<b>Press: 1800</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 10</b>		<b>AV DC: 351</b>		<b>In: 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 276</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 8</b>		<b>JetVel:</b>		<b>FTG: 732</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .01/4.2</b>		<b>ECD: 10.97</b>		<b>Hrs: 117</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 10000</b>		<b>SPR #1: NA</b>		<b>FPH: 6.3</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 500</b>		<b>SPR #2: 67-900</b>		<b>WOB: 20-22</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>			
<b>Dapp ppb: 4</b>		<b>Btm.Up: 74</b>		<b>RPM: 54</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 506</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,795</b>			
6:00	6:30	0:30	JAR ON DP						<b>Forklift: \$ 130</b>		
6:30	7:00	0:30	RIG SERVICE, FUNCT. TEST, INSPECT DERRICK						<b>Misc. / Labor: \$ -</b>		
7:00	13:30	6:30	JAR ON DP						<b>Daily Total: \$ 20,441</b>		
13:30	14:30	1:00	INSTALL SURFACE JARS, JAR AND BUMP DOWN						<b>Cum. Wtr: \$ 26,392</b>		
14:30	17:00	2:30	SPOT 20 BBL DIESEL 4000'-3163'						<b>Cum. Fuel \$ 56,009</b>		
17:00	18:30	1:30	FREE POINT DP						<b>Cum. Bits: \$ 65,000</b>		
18:30	20:30	2:00	BACK OFF @3652', LEFT 464' FISH IN HOLE.						<b>BHA</b>		
20:30	22:30	2:00	POOH						7-7/8" BIT	1	1.00
22:30	1:00	2:30	LAYING DN 6 DC.						1.5 MM	1	30.48
1:00	3:00	2:00	PU 147' WP W/ JARS, BS, AND 6 DC						6-1/2" DC's	21	649.49
3:00	6:00	3:00	TIH						SUB	1	3.04
									BUMP SUB	1	10.74
									JARS	1	11.59
									6-1/2" DC's	6	181.71
									SLINGER	1	14.97
									<b>TOTAL BHA = 903.02</b>		
									Survey	3/4°	11300'
		<b>24.00</b>									
<b>P/U</b>			<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 0</b>					
<b>S/O</b>			<b>FLARE: NONE</b>			<b>Conn Gas: 0</b>					
<b>ROT.</b>			<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: N/A</b>					
<b>FUEL Used: 1275 On Hand: 5220</b>			<b>Co.Man V GUINN</b>			<b>Trip Gas N/A</b>					



# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT AFE 40105

T105 R17E S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/20/2005		29	
Depth: 12104	Prog: 0	D Hrs: 0.0	AV ROP:		Formation: 21 MESAVERDE 30				
DMC: \$1,795		TMC: \$64,652			TDC: \$20,441		CWC: 1,212,748		
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS		TANGIBLE		INTANGIBLE		
MW: 10.3	#1 gps 3.5	Bit #: 6	Conductor: \$ -		Loc Cost: \$ -				
VIS: 42	SPM: NA	Size: 7.875	Surf. Csg: \$ -		Rig Move: \$ -				
PV/YP: 12/10	# 2 gps 3.5	Type: KGR50BPX	Int. Csg: \$ -		Day Rate: \$ 14,750				
Gel: 14/43/46	SPM: 0	MFG: STC DIAMOND IMPREG	Prod Csg: \$ -		Rental Tools: \$ 1,581				
WL: 14.2	GPM: 0	S/N: JT8632	Float Equip: \$ -		Trucking: \$ 440				
Cake: 1/	Press: 1800	Jets: TFA 1.2	Well Head: \$ -		Water: \$ -				
Solids: 10	AV DC: 351	In: 11372	TBG/Rods: \$ -		Fuel: \$ -				
Sand: NA	AV DP: 276	Out:	Packers: \$ -		Mud Logger: \$ 800				
PH: 8	JetVel:	FTG: 732	Tanks: \$ -		Logging: \$ -				
Pf/Mf: .01/4.2	ECD: 10.97	Hrs: 117	Separator: \$ -		Cement: \$ -				
Chlor: 10000	SPR #1: NA	FPH: 6.3	Heater: \$ -		Bits: \$ -				
Ca: 500	SPR #2: 67-900	WOB: 20-22	Pumping L/T: \$ -		Mud Motors: \$ -				
Dapp ppb: 4	Btm.Up: 74	RPM: 54	Prime Mover: \$ -		Corrosion: \$ 95				
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850		
START	END	TIME	Rot. Hrs: 506		Daily Total: \$ -		Drilling Mud: \$ 1,795		
6:00	8:00	2:00	TIH		Forklift: \$ 130				
8:00	11:00	3:00	WASH AND REAM HOLE		Misc. / Labor: \$ -				
11:00	12:00	1:00	REPAIR MUD PUMPS, DOWN TIME		Daily Total: \$ 20,441				
12:00	13:00	1:00	WASH AND REAM HOLE		Cum. Wtr: \$ 26,392				
13:00	2:30	13:30	WASH OVER FISH		Cum. Fuel \$ 56,009				
2:30	3:30	1:00	MIX PILL AND CIRC HOLE		Cum. Bits: \$ 65,000				
3:30	6:00	2:30	POOH W/ WASH PIPE		<b>BHA</b>				
					7-7/8" BIT		1	1.00	
					1.5 MM		1	30.48	
					6-1/2" DC's		21	649.49	
					SUB		1	3.04	
					BUMP SUB		1	10.74	
					JARS		1	11.59	
					6-1/2" DC's		6	181.71	
					SLINGER		1	14.97	
					TOTAL BHA =		903.02		
					Survey		3/4°	11300'	
		24.00							
P/U	LITH: SAND & SHALE			Bkg Gas:		0			
S/O	FLARE: NONE			Conn Gas:		0			
ROT.	LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)			Downtime Gas:		N/A			
FUEL	Used: 1275	On Hand: 5220	Co.Man V GUINN		Trip Gas		N/A		

T105 R12F S-17 43-013-32560

Well: WR FED 34-17-10-17			OPR: DRILLING			Date: 6/21/2005		31		
Depth: 12104		Prog: 0		D Hrs: 0.0		AV ROP:		Formation: 22 MESAVERDE		
DMC: \$2,366		TMC: \$69,167			TDC: \$21,342		CWC: 1,255,215			
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE		
MW: 11.1		#1 gps 3.5		Bit #: 6		Conductor: \$ -		Loc Cost: \$ -		
VIS: 50		SPM: NA		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -		
PV/YP: 17/21		# 2 gps 3.5		Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750		
Gel: 15/30/40		SPM: 0		MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581		
WL: 16		GPM: 0		S/N: JT8632		Float Equip: \$ -		Trucking: \$ -		
Cake: 1/		Press: 1800		Jets: TFA 1.2		Well Head: \$ -		Water: \$ -		
Solids: 10		AV DC: 351		In: 11372		TBG/Rods: \$ -		Fuel: \$ -		
Sand: NA		AV DP: 276		Out:		Packers: \$ -		Mud Logger: \$ 800		
PH: 9		JetVel:		FTG: 732		Tanks: \$ -		Logging: \$ -		
P/Mf: .3/4.2		ECD: 10.97		Hrs: 117		Separator: \$ -		Cement: \$ -		
Chlor: 7000		SPR #1: NA		FPH: 6.3		Heater: \$ -		Bits: \$ -		
Ca: 140		SPR #2: 67-900		WOB: 20-22		Pumping L/T: \$ -		Mud Motors: \$ -		
Dapp ppb: 4		Btm.Up: 74		RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95		
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850		Daily Total: \$ 2,366	
START	END	TIME	Rot. Hrs: 506		Daily Total: \$ -		Drilling Mud: \$ 2,366		Forklift: \$ 130	
6:00	7:00	1:00	LAYING DN WP AND JARS &BS.					Misc. / Labor: \$ 770		
7:00	11:00	4:00	PU NEW JARS & BS AND TIH					Daily Total: \$ 21,342		
11:00	14:00	3:00	SPOT 10 BBL DIESEL W/ PIPE LAX 4000'-3581', SOAK 1 HR					Cum. Wtr: \$ 26,392		
14:00	15:00	1:00	JAR ON DP					Cum. Fuel \$ 56,009		
15:00	16:00	1:00	SOAK 1 HR.					Cum. Bits: \$ 65,000		
16:00	17:00	1:00	JAR ON DP					FISH		
17:00	18:00	1:00	SOAK 1 HR.							
18:00	19:00	1:00	JAR ON DP					7-7/8" BIT	1	1.00
19:00	20:00	1:00	SOAK 1 HR.					1.5 MM	1	30.48
20:00	21:00	1:00	DISPLACE HOLE W/ FRESH WTR					6-1/2" DC's	14	433.02
21:00	22:30	1:30	JAR ON DP							
22:30	23:00	0:30	SOAK							
23:00	23:30	0:30	JAR ON DP							
23:30	3:30	4:00	DISPLACE HOLE W/ MUD, CIRC AND COND MUD							
3:30	6:00	2:30	RU AND FREEPOINT PIPE							
							TOTAL BHA =		464.50	
							Survey		3/4° 11300'	
		24.00								
P/U			LITH: SAND & SHALE			Bkg Gas: 0				
S/O			FLARE: NONE			Conn Gas: 0				
ROT.			LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)			Downtime Gas: N/A				
FUEL Used: 782			On Hand: 4121			Co.Man V GUINN			Trip Gas N/A	

T105 R19E S-17 43-01332560

Well: WR FED 34-17-10-17			OPR: PREP TO BACKOFF			Date: 6/23/2005		32	
Depth: 12104		Prog: 0		D Hrs: 0.0		AV ROP:		Formation: MESAVERDE	
DMC: \$2,700		TMC: \$71,867			TDC: \$24,196		CWC: 1,294,455		
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE	
MW: 11.5		#1 gps 3.5		Bit #: 6		Conductor: \$ -		Loc Cost: \$ -	
VIS: 58		SPM: NA		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -	
PV/YP: 17/36		# 2 gps 3.5		Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750	
Gel: 25/44/51		SPM: 0		MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581	
WL: 14		GPM: 0		S/N: JT8632		Float Equip: \$ -		Trucking: \$ -	
Cake: 2		Press: 1800		Jets: TFA 1.2		Well Head: \$ -		Water: \$ 2,520	
Solids: 10		AV DC: 351		In: 11372		TBG/Rods: \$ -		Fuel: \$ -	
Sand: NA		AV DP: 276		Out:		Packers: \$ -		Mud Logger: \$ 800	
PH: 8		JetVel:		FTG: 732		Tanks: \$ -		Logging: \$ -	
Pf/Mf: .01/3.8		ECD: 10.97		Hrs: 117		Separator: \$ -		Cement: \$ -	
Chlor: 7000		SPR #1: NA		FPH: 6.3		Heater: \$ -		Bits: \$ -	
Ca: 120		SPR #2: 67-900		WOB: 20-22		Pumping L/T: \$ -		Mud Motors: \$ -	
Dapp ppb: 4		Btm.Up: 74		RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95	
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850		Rot. Hrs: 506
START	END	TIME					Daily Total: \$ -	Drilling Mud: \$ 2,700	
6:00	7:30	1:30	PREP TO BACKOFF, HOLE FLOWING 1" STREAM				Forklift: \$ 130		
7:30	22:00	14:30	CIRC AND COND MUD BRINGING MW TO 11.7. LOST 125 BBL MUD.				Misc. / Labor: \$ 770		
							Daily Total: \$ 24,196		
22:00	3:30	5:30	CIRC AND COND MAINTAINING 11.0 MUD. WO BAR TRUCK				Cum. Wtr: \$ 28,912		
3:30	6:00	2:30	SD PUMP, MONITOR FLOWBACK				Cum. Fuel \$ 56,009		
							Cum. Bits: \$ 65,000		
							<b>FISH</b>		
			7-7/8" BIT		1	1.00			
			1.5 MM		1	30.48			
			6-1/2" DC's		14	433.02			
							TOTAL BHA =		464.50
			Survey		3/4°	11300'			
		24.00							
P/U		LITH: SAND & SHALE				Bkg Gas:		0	
S/O		FLARE: NONE				Conn Gas:		0	
ROT.		LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)				Downtime Gas:		N/A	
FUEL Used:		610	On Hand: 3511		Co.Man V GUINN		Trip Gas		N/A







# GASCO ENERGY

**DAILY DRILLING REPORT**  
AFE 40105

CONFIDENTIAL

T105 R17E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: TIH W/ FISHING TOOLS</b>			<b>Date: 6/26/2005</b>		<b>35</b>			
<b>Depth: 12104</b>		<b>Prog: 0</b>		<b>D Hrs: 0.0</b>		<b>AV ROP:</b>		<b>Formation: MESAVERDE</b>			
<b>DMC: \$3,420</b>		<b>TMC: \$88,503</b>			<b>TDC: \$28,495</b>		<b>CWC: 1,513,996</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.6</b>		<b>#1 gps 3.5</b>		<b>Bit #: 6</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 72</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 14/64</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 39/52/59</b>		<b>SPM: 0</b>		<b>MFG: STC DIAMOND IMPREG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 8</b>		<b>GPM: 0</b>		<b>S/N: JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 2</b>		<b>Press: 1800</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 8</b>		<b>AV DC: 351</b>		<b>In: 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 276</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 8</b>		<b>JetVel:</b>		<b>FTG: 732</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .02/3.5</b>		<b>ECD: 10.97</b>		<b>Hrs: 117</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 7000</b>		<b>SPR #1: NA</b>		<b>FPH: 6.3</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 160</b>		<b>SPR #2: 67-900</b>		<b>WOB: 20-22</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>			
<b>Dapp ppb: 3.8</b>		<b>Btm.Up: 74</b>		<b>RPM: 54</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 506</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 3,420</b>			
6:00	9:00	3:00	CIRC AND COND INC. VIS 42 TO 60						<b>Forklift: \$ 130</b>		
9:00	22:30	13:30	WASH OVER FISH FROM 3677 TO 3811'						<b>Misc. / Labor: \$ 6,869</b>		
22:30	23:30	1:00	CIRC BOTTOMS UP						<b>Daily Total: \$ 28,495</b>		
23:30	0:30	1:00	LD 5 JTS AND POOH TO 3470'POOH STANDING BACK WASH PIPE						<b>Cum. Wtr: \$ 28,912</b>		
0:30	2:30	2:00	CHANGE OUT SWIVEL PACKING						<b>Cum. Fuel \$ 56,009</b>		
2:30	4:00	1:30	POOH W/ WASH PIPE						<b>Cum. Bits: \$ 65,000</b>		
4:00	6:00	2:00	PU SIS, JARS, AND BS AND TIH						<b>FISH</b>		
									7-7/8" BIT	1	1.00
									1.5 MM	1	30.48
									6-1/2" DC's	14	433.02
									<b>TOTAL BHA = 464.50</b>		
									<b>Survey</b>	3/4°	11300'
		<b>24.00</b>									
<b>P/U</b>			<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 0</b>					
<b>S/O</b>			<b>FLARE: NONE</b>			<b>Conn Gas: 0</b>					
<b>ROT.</b>			<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: N/A</b>					
<b>FUEL Used: 536</b>			<b>On Hand: 9680</b>			<b>Co.Man V GUINN</b>			<b>Trip Gas N/A</b>		



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

CONFIDENTIAL

T105 R12E S19 43-013-32560

Well: WR FED 34-17-10-17			OPR: WASHING OVER FISH			Date: 6/27/2005		36		
Depth: 12104		Prog: 0		D Hrs: 0.0		AV ROP:		Formation: MESAVERDE		
DMC: \$1,840		TMC: \$86,923			TDC: \$28,245		CWC: 1,513,746			
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE		
MW: 10.4		#1 gps 3.5		Bit #: 6		Conductor: \$ -		Loc Cost: \$ -		
VIS: 47		SPM: NA		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -		
PV/YP: 16/18		# 2 gps 3.5		Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750		
Gel: 18/43/51		SPM: 0		MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581		
WL: 8		GPM: 0		S/N: JT8632		Float Equip: \$ -		Trucking: \$ -		
Cake: 2		Press: 1800		Jets: TFA 1.2		Well Head: \$ -		Water: \$ -		
Solids: 9		AV DC: 351		In: 11372		TBG/Rods: \$ -		Fuel: \$ -		
Sand: NA		AV DP: 276		Out:		Packers: \$ -		Mud Logger: \$ 800		
PH: 8		JetVel:		FTG: 732		Tanks: \$ -		Logging: \$ -		
Pf/Mf: .02/4.8		ECD: 10.97		Hrs: 117		Separator: \$ -		Cement: \$ -		
Chlor: 7000		SPR #1: NA		FPH: 6.3		Heater: \$ -		Bits: \$ -		
Ca: 180		SPR #2: 67-900		WOB: 20-22		Pumping LT: \$ -		Mud Motors: \$ -		
Dapp ppb: 4		Btm.Up: 74		RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95		
Time Break Down:			T/B/G:			Misc: \$ -		Consultant: \$ 850		
START	END	TIME	Rot. Hrs: 506			Daily Total: \$ -		Drilling Mud: \$ 1,840		
6:00	7:00	1:00	TIH W/ FISHING TOOLS						Forklift: \$ 130	
7:00	8:30	1:30	FREEPOINT AND BACKOFF AT 3805'						Misc. / Labor: \$ 8,199	
8:30	13:00	4:30	POOH W/ FISHING TOOLS AND 5 DC.						Daily Total: \$ 28,245	
13:00	17:00	4:00	PU WP AND TIH						Cum. Wtr: \$ 28,912	
17:00	19:00	2:00	SLIP AND CUT 85' DRLG LINE						Cum. Fuel \$ 56,009	
19:00	19:30	0:30	TIH TO FISH AT 3805'.						Cum. Bits: \$ 65,000	
19:30	6:00	10:30	WASHOVER FISH 3809' TO 3826'						<b>FISH</b>	
									7-7/8" BIT 1 1.00	
									1.5 MM 1 30.48	
									6-1/2" DC's 9 278.37	
									TOTAL BHA = 309.85	
									Survey 3/4° 11300'	
		24.00								
P/U LITH: SAND & SHALE			Bkg Gas: 0							
S/O FLARE: NONE			Conn Gas: 0							
ROT. LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)			Downtime Gas: N/A							
FUEL Used: 280 On Hand: 9400 Co.Man V GUINN			Trip Gas N/A							



**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

CONFIDENTIAL

T103 R17F S-17 43-013-3 2560

Well: WR FED 34-17-10-17			OPR: WASHING OVER FISH			Date: 6/28/2005		37	
Depth: 12104		Prog: 0		D Hrs: 0.0		AV ROP:		Formation: MESAVERDE	
DMC: \$1,840		TMC: \$92,183			TDC: \$25,439		CWC: 1,567,680		
Contractor: NABORS 611			Mud Co: MI DRLG FLUIDS			TANGIBLE		INTANGIBLE	
MW: 10.4		#1 gps 3.5		Bit #: 6		Conductor: \$ -		Loc Cost: \$ -	
VIS: 58		SPM: NA		Size: 7.875		Surf. Csg: \$ -		Rig Move: \$ -	
PV/YP: 16/22		# 2 gps 3.5		Type: KGR50BPX		Int. Csg: \$ -		Day Rate: \$ 14,750	
Gel: 18/48/62		SPM: 0		MFG: STC DIAMOND IMPREG		Prod Csg: \$ -		Rental Tools: \$ 1,581	
WL: 9.6		GPM: 0		S/N: JT8632		Float Equip: \$ -		Trucking: \$ 770	
Cake: 2		Press: 1800		Jets: TFA 1.2		Well Head: \$ -		Water: \$ -	
Solids: 9		AV DC: 351		In: 11372		TBG/Rods: \$ -		Fuel: \$ -	
Sand: NA		AV DP: 276		Out:		Packers: \$ -		Mud Logger: \$ 800	
PH: 8.2		JetVel:		FTG: 732		Tanks: \$ -		Logging: \$ -	
P/Mf: .02/4.4		ECD: 10.97		Hrs: 117		Separator: \$ -		Cement: \$ -	
Chlor: 7000		SPR #1: NA		FPH: 6.3		Heater: \$ -		Bits: \$ -	
Ca: 180		SPR #2: 67-900		WOB: 20-22		Pumping L/T: \$ -		Mud Motors: \$ -	
Dapp ppb: 3.9		Btm.Up: 74		RPM: 54		Prime Mover: \$ -		Corrosion: \$ 95	
Time Break Down:			T/B/G:		Misc: \$ -		Consultant: \$ 850		
START	END	TIME	Rot. Hrs: 506		Daily Total: \$ -		Drilling Mud: \$ 1,840		
6:00	6:00	24	WASHOVER FISH 3826' TO 3908'					Forklift: \$ 130	
								Misc. / Labor: \$ 4,623	
								Daily Total: \$ 25,439	
								Cum. Wtr: \$ 28,912	
								Cum. Fuel \$ 56,009	
								Cum. Bits: \$ 65,000	
								FISH	
			7-7/8" BIT		1	1.00			
			1.5 MM		1	30.48			
			6-1/2" DC's		9	278.37			
								TOTAL BHA = 309.85	
			Survey		3/4°	11300'			
		24.00							
P/U		LITH: SAND & SHALE			Bkg Gas:		0		
S/O		FLARE: NONE			Conn Gas:		0		
ROT.		LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)			Downtime Gas:		N/A		
FUEL Used:		879	On Hand: 8521		Co.Man V GUINN		Trip Gas		N/A





# GASCO ENERGY

## DAILY DRILLING REPORT

AFE 40105

T105 R10F S-17 43-013-32560

CONFIDENTIAL

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: WASHING OVER FISH</b>			<b>Date: 6/30/2005</b>		<b>39</b>		
<b>Depth: 12104</b>		<b>Prog: 0</b>		<b>D Hrs: 0.0</b>		<b>AV ROP:</b>		<b>Formation: MESAVERDE</b>		
<b>DMC: \$3,333</b>		<b>TMC: \$97,089</b>			<b>TDC: \$53,203</b>		<b>CWC: 1,671,387</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>		
<b>MW: 10.3</b>		<b>#1 gps 3.5</b>		<b>Bit #: 6</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>		
<b>VIS: 46</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>		
<b>PV/YP: 12/22</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>		
<b>Gel: 18/48/59</b>		<b>SPM: 0</b>		<b>MFG: STC DIAMOND IMPREG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 3,818</b>		
<b>WL: 12.4</b>		<b>GPM: 0</b>		<b>S/N: JT8632</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>		
<b>Cake: 2</b>		<b>Press: 1800</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ 2,600</b>		
<b>Solids: 9</b>		<b>AV DC: 351</b>		<b>In: 11372</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>		
<b>Sand: NA</b>		<b>AV DP: 276</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>		
<b>PH: 8.2</b>		<b>JetVel:</b>		<b>FTG: 732</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ 19,860</b>		
<b>Pf/Mf: .03/5.4</b>		<b>ECD: 10.97</b>		<b>Hrs: 117</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>		
<b>Chlor: 7000</b>		<b>SPR #1: NA</b>		<b>FPH: 6.3</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>		
<b>Ca: 180</b>		<b>SPR #2: 67-900</b>		<b>WOB: 20-22</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>		
<b>Dapp ppb: 4.7</b>		<b>Btm.Up: 74</b>		<b>RPM: 54</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>		
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 506</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 3,333</b>		
6:00	6:00	24	<b>WASHOVER FISH 3910' TO 4014'</b>						<b>Forklift: \$ 130</b>	
									<b>Misc. / Labor: \$ 6,967</b>	
									<b>Daily Total: \$ 53,203</b>	
									<b>Cum. Wtr: \$ 31,512</b>	
									<b>Cum. Fuel \$ 56,009</b>	
									<b>Cum. Bits: \$ 65,000</b>	
									<b>FISH</b>	
			7-7/8" BIT		1	1.00				
			1.5 MM		1	30.48				
			6-1/2" DC's		6	185.58				
									<b>TOTAL BHA = 217.06</b>	
			<b>Survey</b>		3/4°	11300'				
		<b>24.00</b>								
<b>P/U</b>			<b>LITH: SAND &amp; SHALE</b>			<b>Bkg Gas: 0</b>				
<b>S/O</b>			<b>FLARE: NONE</b>			<b>Conn Gas: 0</b>				
<b>ROT.</b>			<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>			<b>Downtime Gas: N/A</b>				
<b>FUEL Used: 621</b>			<b>On Hand: 7444</b>			<b>Co.Man V GUINN</b>		<b>Trip Gas N/A</b>		











# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT

AFE 40105

T 109 R 17 F 5-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: LAY DOWN FISHING TOOLS</b>			<b>Date: 7/1/2005</b>		<b>44</b>			
<b>Depth: 12114</b>		<b>Prog: 18</b>		<b>D Hrs: 7.0</b>		<b>AV ROP: 2.6</b>		<b>Formation: 5 MESAVERDE</b>			
<b>DMC: \$529</b>		<b>TMC: \$104,937</b>			<b>TDC: \$20,565</b>		<b>CWC: 1,797,724</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.7</b>		<b>#1 gps 3.5</b>		<b>Bit #: 7</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 44</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 13/18</b>		<b># 2 gps 3.5</b>		<b>Type: KGR50BPX</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 18/45/58</b>		<b>SPM: 96</b>		<b>MFG: STC</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 34</b>		<b>GPM: 318</b>		<b>S/N: JT7410</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ 550</b>			
<b>Cake: 2</b>		<b>Press: 1470</b>		<b>Jets: TFA 1.2</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 14.8</b>		<b>AV DC: 287</b>		<b>In: 12096</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 174</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel:</b>		<b>FTG: 18</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.1</b>		<b>ECD: 11.13</b>		<b>Hrs: 117</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 7000</b>		<b>SPR #1: NA</b>		<b>FPH: 0.2</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 140</b>		<b>SPR #2: 63-680</b>		<b>WOB: 20-22</b>		<b>Pumping LT: \$ -</b>		<b>Mud Motors: \$ -</b>			
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 74</b>		<b>RPM: 54</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 524</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 529</b>			
6:00	9:00	3:00	TIH, POOH LD 12 JTS DP.						<b>Forklift: \$ 130</b>		
9:00	12:00	3:00	PRESSURE TEST BOP STACK AND CHOKE MANIFOLD TO 5000 PSI. ANNULAR PREVENTER TO 2500 PSI, 250 PSI						<b>Misc. / Labor: \$ 1,280</b>		
									<b>Daily Total: \$ 20,565</b>		
12:00	14:00	2:00	PU MM AND 14 DC						<b>Cum. Wtr: \$ 31,512</b>		
14:00	18:00	4:00	TIH TO 11989						<b>Cum. Fuel \$ 56,009</b>		
18:00	20:00	2:00	WASH AND REAM 11989' TO 12096'						<b>Cum. Bits: \$ 65,000</b>		
20:00	1:30	5:30	DRLG 12096' - 12108' (16 FT, 2.9 FPH).						<b>BHA</b>		
1:30	4:30	3:00	LOST RETURNS, BUILD MUD VOLUME AND LCM						7-7/8" BIT	1	1.00
4:30	6:00	1:30	DRLG 12108' - 12114' (6 FT, 4.0 FPH).						1.0 MM	1	33.08
									6-1/2" DC's	14	432.95
									<b>TOTAL BHA = 467.03</b>		
									<b>Survey</b>	1°	12056'
		<b>24.00</b>									
<b>P/U</b>	245	<b>LITH: SAND &amp; SHALE</b>						<b>Bkg Gas: 200</b>			
<b>S/O</b>	210	<b>FLARE: NONE</b>						<b>Conn Gas: 200</b>			
<b>ROT.</b>	225	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' GL (3540' KB)</b>		<b>Downtime Gas: N/A</b>					
<b>FUEL</b>	<b>Used: 950</b>	<b>On Hand: 4588</b>		<b>Co.Man V GUINN</b>				<b>Trip Gas N/A</b>			







**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

TLOSRI 2E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 7/9/2005</b>		<b>48</b>			
<b>Depth: 12644</b>		<b>Prog: 286</b>		<b>D Hrs: 11.5</b>		<b>AV ROP: 24.9</b>		<b>Formation: BLACKHAWK</b>			
<b>DMC: \$1,720</b>		<b>TMC: \$118,437</b>			<b>TDC: \$19,926</b>		<b>CWC: 1,919,323</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.9</b>		<b>#1 gps 3.5</b>		<b>Bit #: 8</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 41</b>		<b>SPM: 100</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 11/15</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 14/37/49</b>		<b>SPM: NA</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 28</b>		<b>GPM: 331</b>		<b>S/N: 111837</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 1</b>		<b>Press: 1600</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 15</b>		<b>AV DC: 290</b>		<b>In: 12358</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 175</b>		<b>Out: 12644</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel: 93</b>		<b>FTG: 286</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/4.9</b>		<b>ECD: 11.2</b>		<b>Hrs: 21</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 7000</b>		<b>SPR #1: 60-760</b>		<b>FPH: 14.0</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 140</b>		<b>SPR #2: 0</b>		<b>WOB: 15</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>			
<b>Dapp ppb: 4.6</b>		<b>Btm.Up: 75</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>		<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>				
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 592</b>		<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,720</b>				
6:00	8:30	2:30	<b>TIH W/ BIT #8</b>						<b>Forklift: \$ 130</b>		
8:30	9:00	0:30	<b>WASH AND REAM 90' TO BTM</b>						<b>Misc. / Labor: \$ -</b>		
9:00	13:00	4:00	<b>DRLG 12358' - 12452' (94 FT, 23.5 FPH).</b>						<b>Daily Total: \$ 19,926</b>		
13:00	13:30	0:30	<b>RIG SERVICE, FUNCT. TEST HCR AND PIPE</b>						<b>Cum. Wtr: \$ 31,512</b>		
13:30	6:00	16:30	<b>DRLG 12452' - 12644' (192 FT, 11.8 FPH).</b>						<b>Cum. Fuel \$ 73,229</b>		
									<b>Cum. Bits: \$ 73,000</b>		
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									1.0 MM	1	33.08
									6-1/2" DC's	10	309.25
									<b>TOTAL BHA = 343.33</b>		
									<b>Survey</b>	1°	12056'
		<b>24.00</b>									
<b>P/U</b>	240	<b>LITH: SHALE</b>						<b>Bkg Gas: 1645</b>			
<b>S/O</b>	215	<b>FLARE: 5-10'</b>						<b>Conn Gas: 1645</b>			
<b>ROT.</b>	225	<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>						<b>Downtime Gas: N/A</b>			
<b>FUEL</b>	<b>Used: 997</b>	<b>On Hand: 8820</b>		<b>Co.Man V GUINN</b>				<b>Trip Gas N/A</b>			

T105 RIDE S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 7/10/2005</b>		<b>49</b>		
<b>Depth: 12748</b>		<b>Prog: 104</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 4.4</b>		<b>Formation: BLACKHAWK</b>		
<b>DMC: \$6,813</b>			<b>TMC: \$125,250</b>			<b>TDC: \$25,019</b>		<b>CWC: 1,944,342</b>		
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>		
<b>MW: 10.9</b>		<b>#1 gps 3.5</b>		<b>Bit #: 8</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>		
<b>VIS: 53</b>		<b>SPM: 100</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>		
<b>PV/YP: 16/18</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>		
<b>Gel: 20/50/68</b>		<b>SPM: NA</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>		
<b>WL: 28</b>		<b>GPM: 331</b>		<b>S/N: 111837</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>		
<b>Cake: 2</b>		<b>Press: 1650</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>		
<b>Solids: 16.8</b>		<b>AV DC: 290</b>		<b>In: 12358</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>		
<b>Sand: NA</b>		<b>AV DP: 175</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>		
<b>PH: 9</b>		<b>JetVel: 93</b>		<b>FTG: 390</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>		
<b>Pf/Mf: .3/5.3</b>		<b>ECD: 11.2</b>		<b>Hrs: 44</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>		
<b>Chlor: 8000</b>		<b>SPR #1: 60-720</b>		<b>FPH: 8.9</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>		
<b>Ca: 140</b>		<b>SPR #2: 0</b>		<b>WOB: 20</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>		
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 76</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>		
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 615</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 6,813</b>		
6:00	12:30	6:30	DRLG 12644' - 12676' (32 FT, 4.9 FPH).						<b>Forklift: \$ 130</b>	
12:30	13:00	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE						<b>Misc. / Labor: \$ -</b>	
13:00	6:00	17:00	DRLG 12676' - 12748' (72 FT, 4.2 FPH).						<b>Daily Total: \$ 25,019</b>	
									<b>Cum. Wtr: \$ 31,512</b>	
									<b>Cum. Fuel \$ 73,229</b>	
									<b>Cum. Bits: \$ 73,000</b>	
									<b>BHA</b>	
			7-7/8" BIT		1			1.00		
			1.0 MM		1			33.08		
			6-1/2" DC's		10			309.25		
									<b>TOTAL BHA = 343.33</b>	
			Survey		1°			12056'		
		<b>24.00</b>								
<b>P/U</b>	245	<b>LITH: SAND/SHALE</b>				<b>Bkg Gas: 1887</b>				
<b>S/O</b>	220	<b>FLARE: 1-4'</b>				<b>Conn Gas: 1887</b>				
<b>ROT.</b>	230	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' GL (3540' KB)</b>		<b>Downtime Gas: N/A</b>				
<b>FUEL</b>	<b>Used: 909</b>	<b>On Hand: 7911</b>		<b>Co.Man V GUINN</b>		<b>Trip Gas N/A</b>				





**GASCO ENERGY**  
**DAILY DRILLING REPORT**  
 AFE 40105

**CONFIDENTIAL**

*TIOS RIDE 5-19 43-013-32560*

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 7/12/2005</b>		<b>51</b>			
<b>Depth: 12950</b>		<b>Prog: 182</b>		<b>D Hrs: 23.5</b>		<b>AV ROP: 7.7</b>		<b>Formation: BLACKHAWK</b>			
<b>DMC: \$1,625</b>			<b>TMC: \$129,400</b>			<b>TDC: \$19,831</b>		<b>CWC: 1,984,904</b>			
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 10.9</b>		<b>#1 gps 3.5</b>		<b>Bit #: 9RR</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 48</b>		<b>SPM: 99</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 16/18</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 18/47/60</b>		<b>SPM: NA</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 24</b>		<b>GPM: 328</b>		<b>S/N: 108488</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 1</b>		<b>Press: 1700</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 15.4</b>		<b>AV DC: 293</b>		<b>In: 12768</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 178</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel: 94</b>		<b>FTG: 182</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.1</b>		<b>ECD: 11.45</b>		<b>Hrs: 24</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 6000</b>		<b>SPR #1: 58-780</b>		<b>FPH: 7.7</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 140</b>		<b>SPR #2: 0</b>		<b>WOB: 15</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>			
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 80</b>		<b>RPM: 48</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 646</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,625</b>			
6:00	10:00	4:00	DRLG 12768' - 12801' (33 FT, 8.3 FPH).						<b>Forklift: \$ 130</b>		
10:00	10:30	0:30	RIG SERVICE, FUNCT. TEST HCR AND PIPE						<b>Misc. / Labor: \$ -</b>		
10:30	6:00	19:30	DRLG 12801' - 12950' (149 FT, 7.6 FPH).						<b>Daily Total: \$ 19,831</b>		
									<b>Cum. Wtr: \$ 31,512</b>		
									<b>Cum. Fuel: \$ 73,229</b>		
									<b>Cum. Bits: \$ 73,000</b>		
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									1.0 MM	1	33.08
									6-1/2" DC's	10	309.25
									<b>TOTAL BHA = 343.33</b>		
									<b>Survey</b>	1°	12056'
		<b>24.00</b>									
<b>P/U</b>	250	<b>LITH: SAND</b>						<b>Bkg Gas: 652</b>			
<b>S/O</b>	220	<b>FLARE: 2-3'</b>						<b>Conn Gas: 652</b>			
<b>ROT.</b>	230	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' GL (3540' KB)</b>		<b>Downtime Gas: N/A</b>					
<b>FUEL</b>	<b>Used: 478</b>	<b>On Hand: 6176</b>		<b>Co.Man V GUINN</b>				<b>Trip Gas: N/A</b>			



T105 R17F S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: DRILLING</b>			<b>Date: 7/14/2005</b>		<b>53</b>			
<b>Depth: 13188</b>		<b>Prog: 117</b>		<b>D Hrs: 16.5</b>		<b>AV ROP: 7.1</b>		<b>Formation: BLACKHAWK</b>			
<b>DMC: \$1,371</b>		<b>TMC: \$135,776</b>			<b>TDC: \$21,227</b>		<b>CWC: 2,047,642</b>				
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>			
<b>MW: 11.3</b>		<b>#1 gps 3.5</b>		<b>Bit #: 9RR</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>			
<b>VIS: 41</b>		<b>SPM: 100</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>			
<b>PV/YP: 12/16</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>			
<b>Gel: 17/30/44</b>		<b>SPM: NA</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>			
<b>WL: 24</b>		<b>GPM: 331</b>		<b>S/N: 108488</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ -</b>			
<b>Cake: 1</b>		<b>Press: 1700</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>			
<b>Solids: 14</b>		<b>AV DC: 293</b>		<b>In: 12768</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>			
<b>Sand: NA</b>		<b>AV DP: 178</b>		<b>Out:</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ 800</b>			
<b>PH: 9</b>		<b>JetVel: 94</b>		<b>FTG: 420</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>			
<b>Pf/Mf: .3/5.2</b>		<b>ECD: 11.8</b>		<b>Hrs: 34</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>			
<b>Chlor: 6000</b>		<b>SPR #1: 58-750</b>		<b>FPH: 12.4</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>			
<b>Ca: 120</b>		<b>SPR #2: 0</b>		<b>WOB: 15</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ 1,650</b>			
<b>Dapp ppb: 4.8</b>		<b>Btm.Up: 100</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>			
<b>Time Break Down:</b>			<b>T/B/G:</b>			<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>			
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs: 680</b>			<b>Daily Total: \$ -</b>		<b>Drilling Mud: \$ 1,371</b>			
6:00	7:00	1:00	<b>CIRC AND COND. HOLE</b>						<b>Forklift: \$ 130</b>		
7:00	10:00	3:00	<b>POOH TO 8996' LAYING DOWN 15 JTS DP</b>						<b>Misc. / Labor: \$ -</b>		
10:00	12:30	2:30	<b>PU 15 JTS. HARDBANDED DP AND TIH</b>						<b>Daily Total: \$ 21,227</b>		
12:30	13:30	1:00	<b>WASH AND REAM 90' TO BTM</b>						<b>Cum. Wtr: \$ 33,512</b>		
13:30	6:00	16:30	<b>DRLG 13071' - 13188' (117 FT, 7.1 FPH).</b>						<b>Cum. Fuel \$ 73,229</b>		
									<b>Cum. Bits: \$ 73,000</b>		
									<b>BHA</b>		
									7-7/8" BIT	1	1.00
									1.0 MM	1	33.08
									6-1/2" DC's	10	309.25
			<b>Released Comumbine Logging at 24:00, 7/13/05</b>						<b>TOTAL BHA = 343.33</b>		
									<b>Survey</b>	<b>1°</b>	<b>12056'</b>
		<b>24.00</b>									
<b>P/U</b>	<b>245</b>	<b>LITH: SAND/SHALE</b>						<b>Bkg Gas: 317</b>			
<b>S/O</b>	<b>220</b>	<b>FLARE: 1'</b>						<b>Conn Gas: 317</b>			
<b>ROT.</b>	<b>230</b>	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' GL (3540' KB)</b>		<b>Downtime Gas: N/A</b>					
<b>FUEL</b>	<b>Used: 791</b>	<b>On Hand: 4588</b>		<b>Co.Man V GUINN</b>		<b>Trip Gas N/A</b>					





# GASCO ENERGY

CONFIDENTIAL

**DAILY DRILLING REPORT**  
AFE 40105

T 105 R19E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: LAYING DOWN DRILL PIPE</b>			<b>Date: 7/16/2005</b>			<b>55</b>					
<b>Depth: 13270</b>		<b>Prog: 0</b>		<b>D Hrs: 0.0</b>		<b>AV ROP: 0.0</b>		<b>Formation: BLACKHAWK</b>						
<b>DMC: \$1,873</b>			<b>TMC: \$139,169</b>			<b>TDC: \$19,704</b>			<b>CWC: 2,087,822</b>					
<b>Contractor: NABORS 611</b>				<b>Mud Co: MI DRLG FLUIDS</b>				<b>TANGIBLE</b>			<b>INTANGIBLE</b>			
<b>MW: 11.6</b>		<b>#1 gps 3.5</b>		<b>Bit #: 9RR</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>						
<b>VIS: 52</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>						
<b>PV/YP: 16/25</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>						
<b>Gel: 18/41/59</b>		<b>SPM: 100</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ -</b>		<b>Rental Tools: \$ 1,581</b>						
<b>WL: 26</b>		<b>GPM: 331</b>		<b>S/N: 108488</b>		<b>Float Equip: \$ -</b>		<b>Trucking: \$ 425</b>						
<b>Cake: 2</b>		<b>Press: 1560</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ -</b>		<b>Water: \$ -</b>						
<b>Solids: 17</b>		<b>AV DC: 293</b>		<b>In: 12768</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>						
<b>Sand: NA</b>		<b>AV DP: 178</b>		<b>Out: 13270</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ -</b>						
<b>PH: 9</b>		<b>JetVel: 94</b>		<b>FTG: 502</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>						
<b>Pf/Mf: .3/5.5</b>		<b>ECD: 11.7</b>		<b>Hrs: 50</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>						
<b>Chlor: 6000</b>		<b>SPR #1: 68-810</b>		<b>FPH: 10.1</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>						
<b>Ca: 120</b>		<b>SPR #2: 0</b>		<b>WOB: 15</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>						
<b>Dapp ppb: 5.2</b>		<b>Btm.Up: 100</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>						
<b>Time Break Down:</b>						<b>T/B/G:</b>			<b>Misc: \$ -</b>			<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>				<b>Rot. Hrs: 695</b>			<b>Daily Total: \$ -</b>			<b>Drilling Mud: \$ 1,873</b>		
6:00	11:30	5:30	SCHLUMBER RAN PLAT EXP W/ BHC SONIC 13242' LTD TO 3500'						<b>Forklift: \$ 130</b>					
11:30	13:00	1:30	RD SCHLUMBERGER						<b>Misc. / Labor: \$ -</b>					
13:00	20:00	7:00	TIH						<b>Daily Total: \$ 19,704</b>					
20:00	20:30	0:30	WASH AND REAM 60' TO BTM						<b>Cum. Wtr: \$ 33,512</b>					
20:30	23:30	3:00	CIRC AND COND MUD						<b>Cum. Fuel \$ 73,229</b>					
23:30	6:00	6:30	POOH LAYING DOWN DP						<b>Cum. Bits: \$ 73,000</b>					
											<b>BHA</b>			
											7-7/8" BIT	1	1.00	
											1.0 MM	1	33.08	
											6-1/2" DC's	10	309.25	
											<b>TOTAL BHA = 343.33</b>			
											<b>Survey</b>	1-3/4°	13270'	
		<b>24.00</b>												
<b>P/U 250</b>		<b>LITH: SAND/SHALE</b>				<b>Bkg Gas:</b>								
<b>S/O 225</b>		<b>FLARE: 20' ON BTM UP</b>				<b>Conn Gas:</b>								
<b>ROT. 237</b>		<b>LAST CSG RAN: 8 5/8" SET @ 3522' GL (3540' KB)</b>				<b>Downtime Gas:</b>								
<b>FUEL Used: 597</b>		<b>On Hand: 3065</b>		<b>Co.Man V GUINN</b>				<b>Trip Gas</b>						



# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING REPORT

AFE 40105

T105 R12E S-17 43-013-32560

<b>Well: WR FED 34-17-10-17</b>			<b>OPR: CEMENT 4½" CASING</b>			<b>Date: 7/17/2005</b>		<b>56</b>	
<b>Depth: 13270 TD</b>		<b>Prog: 0</b>		<b>D Hrs: 0.0</b>		<b>AV ROP: 0.0</b>		<b>Formation: BLACKHAWK</b>	
<b>DMC: \$0</b>		<b>TMC: \$139,169</b>			<b>TDC: \$178,170</b>		<b>CWC: 2,318,698</b>		
<b>Contractor: NABORS 611</b>			<b>Mud Co: MI DRLG FLUIDS</b>			<b>TANGIBLE</b>		<b>INTANGIBLE</b>	
<b>MW: 11.6</b>		<b>#1 gps 3.5</b>		<b>Bit #: 9RR</b>		<b>Conductor: \$ -</b>		<b>Loc Cost: \$ -</b>	
<b>VIS: 52</b>		<b>SPM: NA</b>		<b>Size: 7.875</b>		<b>Surf. Csg: \$ -</b>		<b>Rig Move: \$ -</b>	
<b>PV/YP: 16/25</b>		<b># 2 gps 3.5</b>		<b>Type: DSX199</b>		<b>Int. Csg: \$ -</b>		<b>Day Rate: \$ 14,750</b>	
<b>Gel: 18/41/59</b>		<b>SPM: 100</b>		<b>MFG: HYCALOG</b>		<b>Prod Csg: \$ 133,900</b>		<b>Rental Tools: \$ 1,581</b>	
<b>WL: 26</b>		<b>GPM: 331</b>		<b>S/N: 108488</b>		<b>Float Equip: \$ 1,792</b>		<b>Trucking: \$ 425</b>	
<b>Cake: 2</b>		<b>Press: 1560</b>		<b>Jets: 6-14</b>		<b>Well Head: \$ 637</b>		<b>Water: \$ -</b>	
<b>Solids: 17</b>		<b>AV DC: 293</b>		<b>In: 12768</b>		<b>TBG/Rods: \$ -</b>		<b>Fuel: \$ -</b>	
<b>Sand: NA</b>		<b>AV DP: 178</b>		<b>Out: 13270</b>		<b>Packers: \$ -</b>		<b>Mud Logger: \$ -</b>	
<b>PH: 9</b>		<b>JetVel: 94</b>		<b>FTG: 502</b>		<b>Tanks: \$ -</b>		<b>Logging: \$ -</b>	
<b>Pf/Mf: .3/5.5</b>		<b>ECD: 11.7</b>		<b>Hrs: 50</b>		<b>Separator: \$ -</b>		<b>Cement: \$ -</b>	
<b>Chlor: 6000</b>		<b>SPR #1: 68-810</b>		<b>FPH: 10.1</b>		<b>Heater: \$ -</b>		<b>Bits: \$ -</b>	
<b>Ca: 120</b>		<b>SPR #2: 0</b>		<b>WOB: 15</b>		<b>Pumping L/T: \$ -</b>		<b>Mud Motors: \$ -</b>	
<b>Dapp ppb: 5.2</b>		<b>Btm.Up: 100</b>		<b>RPM: 45</b>		<b>Prime Mover: \$ -</b>		<b>Corrosion: \$ 95</b>	
<b>Time Break Down:</b>			<b>T/B/G:</b>		<b>Misc: \$ -</b>		<b>Consultant: \$ 850</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>	<b>Rot. Hrs:</b>	<b>695</b>	<b>Daily Total: \$ 136,329</b>		<b>Drilling Mud: \$ -</b>		
6:00	12:30	6:30	POOH LAYING DOWN DP				<b>Forklift: \$ 130</b>		
12:30	13:30	1:00	RU FRANKS/WESTATES CASING CREW				<b>Misc. / Labor: \$ 24,010</b>		
13:30	23:30	10:00	RAN AND LANDED 307 JTS (13243') OF 4½", 13.5#, P-110, LT&C				<b>Daily Total: \$ 41,841</b>		
			CSG AT 13261' W/ FC AT 13,215', MARKER JT AT 11057' & 9100'				<b>Cum. Wtr: \$ 33,512</b>		
23:30	0:30	1:00	RU TO CIRC.				<b>Cum. Fuel \$ 73,229</b>		
0:30	3:30	3:00	CIRC AND COND MUD				<b>Cum. Bits: \$ 73,000</b>		
3:30	4:30	1:00	RU SCHLUMBERGER				<b>BHA</b>		
4:30	6:00	1:30	CEMENT 4½" CSG INCOMPLETE				7-7/8" BIT	1	1.00
						1.0 MM	1	33.08	
						6-1/2" DC's	10	309.25	
						<b>TOTAL BHA =</b>		<b>343.33</b>	
						<b>Survey</b>	1-3/4°	13270'	
		<b>24.00</b>							
<b>P/U</b>	250	<b>LITH: SAND/SHALE</b>		<b>Bkg Gas:</b>					
<b>S/O</b>	225	<b>FLARE: 20' ON BTM UP</b>		<b>Conn Gas:</b>					
<b>ROT.</b>	237	<b>LAST CSG RAN: 8 5/8"</b>		<b>SET @ 3522' GL (3540' KB)</b>		<b>Downtime Gas:</b>			
<b>FUEL Used:</b>	597	<b>On Hand: 3065</b>		<b>Co.Man V GUINN</b>		<b>Trip Gas</b>			



Wilkin Ridge Federal 34-17-10-17T 105 RIDGE S-17  
43-013-32560

## Completion

- 8/ /05 MIRU SLB (Jason) and ran CBL/GammaRay/CCL log.
- 8/ /05 RU B&C Quicktest and psi tested csg to 9500 psi, ok.
- 8/10/05 RU SLB (Jason). Fd 2500 SICP on unperforated csg. RIH w/ guns to perf **Stage 1- Black Hawk – Aberdeen**. Tagged an obstruction @ 1988' (CCL). Spudded on several times w/ no success. POOH. Blew csg dn, hard. RIH again and tagged up higher, @ 1918'. Tagged several times, and obstruction finally moved. RIH. Tagged again @ 4227' and fell thru w/ 3 tags. Never felt it again. Perforated Stg 1 f/ 13006 – 11', 13024 – 30', 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased, .44 EHD, 24.9" pen, 24 gm chgs. RU SLB (Red crew – Shawn Moon) to frac. Discovered bad bond – free pipe across bottom 2 Stgs, f/ 12885' to TD. RD frac crew. Will MIRU Service rig tomorrow for squeeze procedure. (SCE)
- 8/11/05 MIRU Temples WS.
- 8/12/05 MIRU Temples WS. Opened well up to FB @ 5:45 PM, on 12/64" ck w/ 1950 SICP. Will flow all night to determine natural feed in rate. (SCE)
- 8/13/05 Well blew dn to 0 in 1 ½ hrs. RU SLB Wireline. RIH w/ squeeze gun and shot "entry holes" @ 13000 – 02', 6 spf w/ 3 1/8" Hivolt guns. POOH. RIH w/ Halliburton EZSV retainer and second squeeze gun. Set EZSV @ 12980'. Shot "return holes" @ 12890 – 92', 6 spf. Never felt any tight spots w/ retainer. No change in pressure or flow when gun was shot (in Kennilworth sand. RD SLB. ND frac tree. NU BOPE. RIH w/ EZSV stinger on 2 3/8" tbg to +- 1800'. SDFN. (SCE) DC \$ 88,395 CCC \$88,395
- 8/14/05 Fin RIH w/ EZSV stinger. Sting into retainer @ 12980'. Established circulation with no problems. Circ for several hrs. Recovered very small amt of dirty water. SDFN.
- 8/16/05 Break circulation. Wait on SLB cmt trucks. Finally canceled for day. DC 16180 CCC \$104,575
- 8/17/05 Circ for 2 hrs and MIRU SLB cmt crew. Mix and pump 10 bbls class "G" cmt (49 sx) w/ D13 retarder + D 65 TIC Dispersant + UniFlac-s D-167. Spot displace cmt to end of tbg. Sting into retainer and place cmt. Stinging out and POOH w/ 3 stds. Reverse circ wellbore clean. Pull up 2 more jts and pressure up to 2000 psi. SWIFN. (Scott Seely and Rick w/ Premier)

- 8/18/05 POOH and removed EZSV stinger. RIH w/ 3 3/4" tri cone bit on bit sub. RU power swivel. SDFN. (Rick w/ Premier)
- 8/19/05 Fd 900 SICP. Blew dn and fin RIH. Tagged cmt top @ 12833'. Drill out cmt to 12976'. POOH and LD 111 jts tbg. SDFN. (Rick w/ Premier) DC 6620 CCC \$111,195
- 8/21/05 Fin POOH and LD tbg. ND BOPE. NU frac tree and test. RDMOL. MIRU SLB Wireline (Dwayne) and ran CBL across bottom section of well. LD bond tool and RIH w/ guns to perf Stg 2 – Blackhawk – Kenilworth. Perforated f/ 12882 – 92', 3 spf w/ 3 1/8" Hivolt guns. Well ready to frac. (SCE)
- 
- 8/23/05 Stage 1 canceled due to bad cement job. MIRU SLB PS-Selwyn. WO frac head. Break down Kenilworth with 5738spi. ATP 7099psi at 30 BPM. Perform reverse step rate test. ISIP-5800psi, bled to 5670psi in 20 min. **Frac Stage 2-Kenilworth** with 61,000# of 20-40 Temp DC Plus and 78,739# of 20-40 Econoprop, using 2055 Bbl of Slickwater, YF 125ST, and YF 120ST fluid. Sandmaster sanded off twice causing slowdown then 10 minute shutdown. Were able to regain injection and finish most of job. ATP 6709psi at 30 BPM. ISIP-5900psi. Turned well on for flowback at 12:00 Pm on a 12/64 ck with 5400psi. Flowed well for 3 hrs with 3400-4400 psi. Cut back from a 14 ck to a 12 ck to limit sand production. Well still making sand. Release wireline crew for night
- 8/24/05 RU SLB Wireline (DeWayne) **Perforate Sunnyside (NO FRAC) 12,606'-614' 3 SPF and Grassy 12,440'-443', 12,392'-396' and Desert 12,342'-346' 3 SPF with a 3 1/8" Hi-Vol Gun.** POOH, could not get last 38' into lubricator. Worked line until tools into tree, would not move any more. Pump 60 bbls water down hole at 5-2 BPM, pressure increase from 5200-7200 psi, indicating sand across perms. Flowed water back and tools moved into lubricator. Found cable head only, guns fell down hole. Wire cable stranded at 38' spot. Rehead cable and GIH with dummy gun. Tagged top of fish at 12660'. Left well shut-in while waiting on braided line truck.
- 8/25/05 MIRU SLB braided line unit (Ray, Evanston Wy). Fd 6300 psi SICP. RIH w/ 3 3/4" overshot. Tagged @ 12,617' (43' higher than Jasons measurement). Tried to engage fish. Pulled over and fired jars twice. Pulled off/free. POOH and found nothing wrong w/ tools. RIH again and tagged dn several times w/ no overpull. POOH. RIH w/ sand bailer and tagged fill @ 12460' (157' higher than last run). Bailed and POOH. Fd bailer full of 20-40 Econoprop. Opened well up to sep and pit to try to unload sand. Sold 38 MCF and 84 bbls wtr in 9 hrs. Sd plug never came free. (SCE) DC \$28,702 CCC \$139,897

8/26/05

SWI @ 8:30 AM. TR 1058. BLWTR 997. RD slickline lube. SICP 1000. RU electric line lube. RIH w/ CCL and tagged sd fill (? or fish) @ 12861' (21' above Kennilworth perfs). Suspect all shallower tags were on sand bridges. Worked CCL thru 12460 area 3 times, with no dragging. POOH. Now have 1900 SICP. RIH w/ 9K FTFP and set @ 12460'. Setting tool dragging until 12180. Sand on tool. RU SLB (Selwyn) to frac Stage 3 – Grassy / Desert. Fd 3805 SICP. Loaded hole w/ 50 BW. Broke dn perfs @ 8200 psi @ 5.7 bpm. ISIP 5350. FG .87. Calc 16 holes open / 33. Suspect bottom set of perfs may have been covered w/ sd. Hybrid fraced Stg 3 / Grassy / Desert w/ 103,573# 20-40 Tempered DC Plus, using 2566 bbls WF and YF 118 gel. Flushed csg w/ 182.1 bbls. ISIP 5660. FG .90. ~~No flowback between stages~~. Waited 2 ½ hrs before we figured out we didn't have an operator capable of running perforating truck. Turned on flowback @ 6:30 PM w/ 4600 SICP, on 12/64" ck. (SCE)

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Shut well in @ 5:00 AM to perf w/ 2200 FCP on 16/64" ck. Made 1146 bbls in 10.5 hrs. TR 2204. BLWTR 2417. RIH w/ plug and guns to perf Stage 4, Lower Mesaverde. Set FTFP #2 @ 11965'. Perforated f/ 11836 – 40', 11864 – 68', 11902 – 05', 11947 – 50'. Fd 4060 SICP. Broke dn perfs @ 6730 psi @ 5.3 bpm. ISIP 4780. FG .84. Calc 21 holes open / 42. Hybrid fraced Stg 4 w/ 122,628# 20-40 Temp DC +, using 2871 bbls WF and YF 118 gel. Flushed csg w/ 174.6 bbls (2 bbls short). ISIP 5200. FG .88. No Flowback. RIH w/ plug and guns to perf Stage 5, Lower Mesaverde. Set FTFP #3 @ 11466'. Perfed 11257 – 60, 11275 – 78', 11301 – 05', 11408 – 11', 11448 – 51', 3 spf. Broke dn perfs- pumped into perfs @ 6250 psi @ 6.9 bpm. ISIP 4650. FG .85. Calc 22 holes open / 48. Hybrid fraced Stg 5 w/ 116,243# (103,350# into formation), using 2802 bbls WF and YF 118 gel. Lost 2 pumps during job. Ended up @ 41 bbls/min instead of 55. Screened out to 9000 psi w/ 63 bbls flush away. Went to flush early, during 3.5 ppg stage. Opened well up to FB @ 2:10 PM on 14/64" ck w/ 6550 SICP (screened out). Unloaded sd ok. (SCE)

8/28/05

SWI @ 4:00 AM w/ 3100 FCP on 16/64" ck. Made 1632 bbls in 14 hrs. TR 3836. BLWTR 6458. Fd 3600 SICP. RIH w/ plug and guns to perf Stg 6 – Lower Mesaverde. Set FTFP #4 @ 11219'. Perfed f/ 11118 – 22', 11165 – 68', 11200 – 04', 3 spf. RU Selwyn to frac. Broke dn perfs @ 5253 psi @ 5.3 bpm. ISIP 4450. FG .84. Calc 22 holes open / 33. Hybrid fraced Stg 6 w/ 137,842# 20-40 TDC+, using 3188 bbls YF and WF 118 gel. Flushed w/ 164 bbls (1.9 bbls short). ISIP 4660. FG .86. Opened well up to FB @ 10:40 AM on 12/64" ck w/ 4500 SICP. DC \$741,202 CCC \$881,099

- 8/29/05 Well flg this AM w/ 3250 FCP on 16/64" ck. Fld 2087 bbls in 20 ½ hrs. TR 5923. BLWTR 7559.
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- 8/31/05 Well flg this AM w/2550 FCP on 14/64 ck. Fld 498 bbls in 24 hrs. TR 7534. BLWTR 5948. RU SLB coiled Tubing unit. Make up Baker 3.78" four blade flat mill on motor, circ sub, disconnect, jars, bpv, on 1 ¾" coiled tubing. Pressure test assembly, check motor GIH at 2PM. Tagged first plug at 11060' (coil 159' off depth) drilled plug in 35 min. No sand. Tagged second plug at 11,300'(coil 166' off depth), drilled plug in 40 min. No sand. Tagged third plug at 11787'(coil 178' off depth), drilled plug in 25 min, no sand. Tagged fourth plug at 12,260'(coil 200' off depth). Drilled plug in 15 min. Tagged top of fish at approx 12,672' coil depth or 12,868' wireline depth. No sand. Well flowing with 1150 FCP on 16/64 ck with full column of fluid. Decided that since bottom zone was flowing fine to leave fish in hole until tubing is run. POOH and rig down coiled tubing unit. (JDL)
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NOV 30 2005

GASCO PRODUCTION CO  
Wilkin Ridge Federal 34-17-10-17

T105 R 17E S17  
43-013-32560

DIV. OF OIL, GAS & MINING

**Completion**

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- 11/10/05 MORU service rig, set pump and tank, unload 2 3/8 TBG to pipe racks. Leave well flowing down sales line for night. DC \$ 6222 CCC \$ 1,054,502. (CR, Rick w/ Premier)
- 11/11/05 Well flowing this AM down sales. Pump 70 bbls down casing and NDWH and NU BOP. Pick up 3 5/8 burn shoe, 1 jt wash pipe, x-over, bumper sub and jars w/ 3 1/8 overshot. Start in hole P.U Tbg off racks tallying in. P.U. to 9500' and close well in above perms until nitrogen unit available in morning. ( rick w/ Premier / CR) DC \$ 10813 CCC \$ 1,065,315
- 11/12/05 Open up well this AM w/ 1000 psi on csg. Finish RIH w/ Tbg, rig up cudd nitrogen unit and wash over fish. Pump pressure increased and keep losing hole. Set back swivel and start out of hole. POOH to 1000' above perms and close well in for night. ( Rick w/ Premier/ CR) DC \$ 23,280 CCC \$ 1,088,595

- 11/13/05 Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ Tbg, no fish grapple un-marked. Lay down wash pipe and RIH w/ 3 1/8 overshot w/ 2.3" grapple. Tag fish @ 12,818' work over fish. Tbg pressured up and held 1000 psi drug over for 60'. Start out of hole w/ Tbg, pull up above perms and close well in for night. ( Rick w/ Premier / CR) DC \$ 14,782 CCC \$ 1,103,377.
- 11/14/05 Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ tbg and fishing tools. No fish, grapple is chipped up. Pick up wash pipe w/ over shot, jars and bumper sub. RIH w/ Tbg to wash to PBTB. Close well in above perms and shut down for night. ( Rick w/ Premier/ CR) DC \$ 14075 CCC \$ 1,117,452
- 11/15/05 Open well up this AM 1000 psi. Finish RIH w Tbg tag fish @ 12818'. Rig up Cudd and break circ, wash over fish to 12835' and quit making hole. Circ bottoms up and POOH w/ Tbg. Shut well in for night. DC \$ 25,319 CCC \$ 1,142,771 ( Rick w/ Premier / CR)
- 11/16/05 Open well up this AM w/ 2000 psi. Finish POOH w/ Tbg and BHA no fish, shoe looks wore out. Pick 3 3/4 overshot w/ 1 3/8 grapple, bumper sub, and Hyd jars. Rih w/ Tbg above perms and shut down for night. ( Rick w/ Premier / CR) DC \$ 6425 CCC \$ 1,149,196
- 11/17/05 Open well up this AM w/ 2000 psi. Finish RIH w/ Tbg and tag fish @ 12,830' fish fell down hole 12'. Work over fish and try to catch. POOH w/ Tbg , no fish lay down fishing tools and RIH w/ 1 jt XN nipple and remainder of Tbg. Shut well in for night and shut down. DC \$ 10710 CCC\$ 1,159,906 (Rick w/ Premier / CR)
- 11/18/05 Open well up this AM w/ 1900 psi. Finish RIH w/ Tbg and land well @ 11,399' w/ 359 jts 2 3/8 Tbg. Nipple down BOP and N.U.W.H, and rack out pump and tank, RDMO. Rick w/Premier / CR) DC \$ 3607 CCC \$ 1,163,513
- 11/23/05 MORU service unit. Rig up pump and tank, set pipe racks and catwalk. Shut down for day. (CR) DC \$ 4359 CCC \$ 1,167,872
- 11/24/05 Well flowing this AM w/ 850 tbg pressure and 1250 csg pressure. Pump 80 Bbls and NDWH and NU BOP. POOH w/ 278 jts of Tbg. Shut well in and leave flowing down sales for weekend. (CR) DC \$ 4985 CCC \$ 1,172,857.
- 11/29/05 Well flowing this AM @ 900 psi. pump 10 bbls and RIH w/ 1 jt, xn nipple, and 277 jts. Broach Tgb and ND BOP and NUWH. Rack out pump and tank and move off due to nitrogen cancelling. (CR) DC \$ 7058 CCC \$ 1,179,915

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*T105 R17E S-17*  
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bailer and tagged fill @ 12460' (157' higher than last run). Bailed and POOH. Fd bailer full of 20-40 Econoprop. Opened well up to sep and pit to try to unload sand. Sold 38 MCF and 84 bbls wtr in 9 hrs. Sd plug never came free. (SCE) DC \$28,702 CCC \$139,897

8/26/05 SWI @ 8:30 AM. TR 1058. BLWTR 997. RD slickline lube. SICP 1000. RU electric line lube. RIH w/ CCL and tagged sd fill (? or fish) @ 12861' (21' above Kennilworth perfs). Suspect all shallower tags were on sand bridges. Worked CCL thru 12460 area 3 times, with no dragging. POOH. Now have 1900 SICP. RIH w/ 9K FTFP and set @ 12460'. Setting tool dragging until 12180. Sand on tool. RU SLB (Selwyn) to frac Stage 3 – Grassy / Desert. Fd 3805 SICP. Loaded hole w/ 50 BW. Broke dn perfs @ 8200 psi @ 5.7 bpm. ISIP 5350. FG .87. Calc 16 holes open / 33. Suspect bottom set of perfs may have been covered w/ sd. Hybrid fraced Stg 3 / Grassy / Desert w/ 103,573# 20-40 Tempered DC Plus, using 2566 bbls WF and YF 118 gel. Flushed csg w/ 182.1 bbls. ISIP 5660. FG .90. ~~No flowback between stages.~~ Waited 2 ½ hrs before we figured out we didn't have an operator capable of running perforating truck. Turned on flowback @ 6:30 PM w/ 4600 SICP, on 12/64" ck. (SCE)

8/27/05 Shut well in @ 5:00 AM to perf w/ 2200 FCP on 16/64" ck. Made 1146 bbls in 10.5 hrs. TR 2204. BLWTR 2417. RIH w/ plug and guns to perf Stage 4, Lower Mesaverde. Set FTFP #2 @ 11965'. Perforated f/ 11836 – 40', 11864 – 68', 11902 – 05', 11947 – 50'. Fd 4060 SICP. Broke dn perfs @ 6730 psi @ 5.3 bpm. ISIP 4780. FG .84. Calc 21 holes open / 42. Hybrid fraced Stg 4 w/ 122,628# 20-40 Temp DC +, using 2871 bbls WF and YF 118 gel. Flushed csg w/ 174.6 bbls (2 bbls short). ISIP 5200. FG .88. No Flowback. RIH w/ plug and guns to perf Stage 5, Lower Mesaverde. Set FTFP #3 @ 11466'. Perfed 11257 – 60, 11275 – 78', 11301 – 05', 11408 – 11', 11448 – 51', 3 spf. Broke dn perfs- pumped into perfs @ 6250 psi @ 6.9 bpm. ISIP 4650. FG .85. Calc 22 holes open / 48. Hybrid fraced Stg 5 w/ 116,243# (103,350# into formation), using 2802 bbls WF and YF 118 gel. Lost 2 pumps during job. Ended up @ 41 bbls/min instead of 55. Screened out to 9000 psi w/ 63 bbls flush away. Went to flush early, during 3.5 ppg stage. Opened well up to FB @ 2:10 PM on 14/64" ck w/ 6550 SICP (screened out). Unloaded sd ok. (SCE)

8/28/05 SWI @ 4:00 AM w/ 3100 FCP on 16/64" ck. Made 1632 bbls in 14 hrs. TR 3836. BLWTR 6458. Fd 3600 SICP. RIH w/ plug and guns to perf Stg 6 – Lower Mesaverde. Set FTFP #4 @ 11219'. Perfed f/ 11118 – 22', 11165 – 68', 11200 – 04', 3 spf. RU Selwyn to frac. Broke dn perfs @ 5253 psi @ 5.3 bpm. ISIP 4450. FG .84. Calc 22 holes open / 33. Hybrid fraced Stg 6 w/ 137,842# 20-40 TDC+, using 3188 bbls YF and WF 118 gel. Flushed w/ 164 bbls (1.9 bbls short).

ISIP 4660. FG .86. Opened well up to FB @ 10:40 AM on 12/64" ck w/ 4500 SICP. DC \$741,202 CCC \$881,099

- 8/29/05 Well flg this AM w/ 3250 FCP on 16/64" ck. Fld 2087 bbls in 20 ½ hrs. TR 5923. BLWTR 7559.
- 8/30/05 Well flg this AM w/ 3000 FCP on 16/64" ck. Fld 1113 bbls in 24 hrs. TR 7036. BLWTR 6446.
- 8/31/05 Well flg this AM w/2550 FCP on 14/64 ck. Fld 498 bbls in 24 hrs. TR 7534. BLWTR 5948. RU SLB coiled Tubing unit. Make up Baker 3.78" four blade flat mill on motor, circ sub, disconnect, jars, bpv, on 1 ¾" coiled tubing. Pressure test assembly, check motor GIH at 2PM. Tagged first plug at 11060' (coil 159' off depth) drilled plug in 35 min. No sand. Tagged second plug at 11,300'(coil 166' off depth), drilled plug in 40 min. No sand. Tagged third plug at 11787'(coil 178' off depth), drilled plug in 25 min, no sand. Tagged fourth plug at 12,260'(coil 200' off depth). Drilled plug in 15 min. Tagged top of fish at approx 12,672' coil depth or 12,868' wireline depth. No sand. Well flowing with 1150 FCP on 16/64 ck with full column of fluid. Decided that since bottom zone was flowing fine to leave fish in hole until tubing is run. POOH and rig down coiled tubing unit. (JDL)
- 9/1/05 Well flowing this AM w/ 2100 FCP on 14/64" ck. Made 248 bbls in 14 ½ hrs. TR 7782. BLWTR 5700. Put well dn line this PM @ 1.1 MMCFD rate. DC 67109 CCC \$948,208
- 9/18/05 Update late costs: DC 100,072 CCC \$1,048,280
- 11/10/05 MORU service rig, set pump and tank, unload 2 3/8 TBG to pipe racks. Leave well flowing down sales line for night. DC \$ 6222 CCC \$ 1,054,502. (CR, Rick w/ Premier)
- 11/11/05 Well flowing this AM down sales. Pump 70 bbls down casing and NDWH and NU BOP. Pick up 3 5/8 burn shoe, 1 jt wash pipe, x-over, bumper sub and jars w/ 3 1/8 overshot. Start in hole P.U Tbg off racks tallying in. P.U. to 9500' and close well in above perfs until nitrogen unit available in morning. ( rick w/ Premier / CR) DC \$ 10813 CCC \$ 1,065,315
- 11/12/05 Open up well this AM w/ 1000 psi on csg. Finish RIH w/ Tbg, rig up cudd nitrogen unit and wash over fish. Pump pressure increased and keep losing hole. Set back swivel and start out of hole. POOH to 1000' above perfs and close well in for night. ( Rick w/ Premier/ CR) DC \$ 23,280 CCC \$ 1,088,595

- 11/13/05 **Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ Tbg, no fish grapple un-marked. Lay down wash pipe and RIH w/ 3 1/8 overshot w/ 2.3" grapple. Tag fish @ 12,818' work over fish. Tbg pressured up and held 1000 psi drug over for 60'. Start out of hole w/ Tbg, pull up above perms and close well in for night. ( Rick w/ Premier / CR) DC \$ 14,782 CCC \$ 1,103,377.**
- 11/14/05 **Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ tbg and fishing tools. No fish, grapple is chipped up. Pick up wash pipe w/ over shot, jars and bumper sub. RIH w/ Tbg to wash to PBTB. Close well in above perms and shut down for night. ( Rick w/ Premier/ CR) DC \$ 14075 CCC \$ 1,117,452**
- 11/15/05 **Open well up this AM 1000 psi. Finish RIH w Tbg tag fish @ 12818'. Rig up Cudd and break circ, wash over fish to 12835' and quit making hole. Circ bottoms up and POOH w/ Tbg. Shut well in for night. DC \$ 25,319 CCC \$ 1,142,771 ( Rick w/ Premier / CR)**
- 11/16/05 Open well up this AM w/ 2000 psi. Finish POOH w/ Tbg and BHA no fish, shoe looks wore out. Pick 3 3/4 overshot w/ 1 3/8 grapple, bumper sub, and Hyd jars. Rih w/ Tbg above perms and shut down for night. ( Rick w/ Premier / CR) DC \$ 6425 CCC \$ 1,149,196
- 11/17/05 Open well up this AM w/ 2000 psi. Finish RIH w/ Tbg and tag fish @ 12,830' fish fell down hole 12'. Work over fish and try to catch. POOH w/ Tbg , no fish lay down fishing tools and RIH w/ 1 jt XN nipple and remainder of Tbg. Shut well in for night and shut down. DC \$ 10710 CCC\$ 1,159,906 (Rick w/ Premier / CR)
- 11/18/05 Open well up this AM w/ 1900 psi. Finish RIH w/ Tbg and land well @ 11,399' w/ 359 jts 2 3/8 Tbg. Nipple down BOP and N.U.W.H, and rack out pump and tank, RDMO. Rick w/Premier / CR) DC \$ 3607 CCC \$ 1,163,513
- 11/23/05 MORU service unit. Rig up pump and tank, set pipe racks and catwalk. Shut down for day. (CR) DC \$ 4359 CCC \$ 1,167,872
- 11/24/05 Well flowing this AM w/ 850 tbg pressure and 1250 csg pressure. Pump 80 Bbls and NDWH and NU BOP. POOH w/ 278 jts of Tbg. Shut well in and leave flowing down sales for weekend. (CR) DC \$ 4985 CCC \$ 1,172,857.
- 11/29/05 Well flowing this AM @ 900 psi. pump 10 bbls and RIH w/ 1 jt, xn nipple, and 277 jts. Broach Tgb and ND BOP and NUWH. Rack out pump and tank and move off due to nitrogen cancelling. (CR) DC \$ 7058 CCC \$ 1,179,915

- 12/24/05 Road rig to location MORU. Well flowing @ 600 psi control well w/ 20 bbls. NDWH and NUBOP. Pull out of hole w/ 359 jts and BHA. Turn well over to sales for weekend and shut down. ( Chuck w/ Premier / CR) DC \$ 11,940 CCC \$ 1,191,855
- 12/28/05 Well flowing this AM @ 600 psi. P.U. BHA as 3 ¾ burn shoe, 1 joint wash pipe, extension, 2 drill collars, bumper sub, and jars. RIH w/ Tbg to 12,800' and break circ w/ nitrogen. Unable to break circ POOH w 10 stands and circ hole. RIH w/ 10 stands and break circ again. Roll hole clean and POOH w/ 15 stands and leave tbg @ 11,684. Shut down for day. ( Rick w/ Premier / CR) DC \$ 18,999 CCC \$ 1,210,854
- 12/29/05 Open well up this AM w 900/1200 psi. Finish RIH w/ tbg. Pick up swivel and break circ w nitrogen. Wash over fish to 12904' stop making hole. Work tools and unable to make any hole. Set back swivel and start out of hole w/ Tbg. POOH w 74 jts w/ EOT @ 10592'. Close well in and shut down for day. ( Rick w/ Premier / CR) DC \$ 34,415 CCC \$ 1,245,269
- 12/30/05 Open well up this AM 1050 tbg / 1250 csg. Pump 35 Bbls and POOH w/ 339 jts tbg. Change out burn shoe, Shoe was wore out. RIH w/ BHA and 352 jts and shut down for day. EOT @ 10,500'. ( Rick w/ Premier / CR ) DC \$ 12,752 CCC \$ 1,258,021
- 12/31/05 Open well up this AM 1050 tbg/ 650 csg. RIH w/ 50 jts. Tag fish top and break circ. Wash over fish to 12,945' w/ 404 jts, 28' bellow perfs. POOH above perfs and shut down for day. ( Rick w/ Premier / CR ) DC \$ 27,177 CCC \$ 1,285,198
- 1/1/06 Open well up this AM 1700 tbg / 2000 csg. RIH w/ Tbg and tag fish @ 12914, break circ and clean out to 12918'. POOH laying down 45 jts and POOH w/ 359 Jts. Gun was stuck in wash pipe lay down BHA and 33' gun. RIH w/ POBS and 1 jt XN nipple and 166 jts TBG. Close well in and leave down sales for weekend. (Rick w/ Premier / CR ) DC \$ 19,100 CCC \$ 1,304,298
- 1/3/06 Well flowing this AM w/ 1000 psi. open well up and finish RIH w/ Tbg. Land well w/ 359 jts @ 11,398'. Broach tbg , broach o.k. NDBOP and NUWH. Drop ball and pump off float. RDMO and return well to sales. DC \$ 4384 CCC \$ 1,308,682 ( Rick w/ Premier / CR)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
*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)  
*SW SE of Section 17-T10N-R17E 582' FSL & 1921' FEL*

**CONFIDENTIAL**

5. Lease Serial No.  
*UTU-75082*

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

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

8. Well Name and No.  
*Wilkin Ridge Federal 34-17-10-17*

9. API Well No.  
*043-013-32560*

10. Field and Pool, or Exploratory Area  
*Wildcat*

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

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

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

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

*This well was started on production 9/1/05*

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

Name (Printed/Typed) <i>Beverly Walker</i>	Title <i>Engineering Technician</i>
Signature <i>Beverly Walker</i>	Date <i>October 4, 2005</i>

**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 0 / 2005**

DIV. OF OIL, GAS & MINING

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-75082

6. If Indian, Allottee, or Tribe Name  
NA

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

8. Well Name and No.  
Wilkin Ridge Federal 34-17-10-17

9. API Well No.  
43-013-32560

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Duchesne County, Utah

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Gasco Production Company

3a. Address  
8 Inverness 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)  
582' FSL & 1921' FEL SW SE of Section 17-T10S-R17E

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

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleton 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 2/25/2005*

RECEIVED

APR 26 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed Typed) Beverly Walker Title Engineering Technician

Signature *Beverly Walker* Date April 24, 2006

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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



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     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)  
**582' FSL & 1921' FEL SW SE of Section 17-T10S-R17E**

5. Lease Serial No  
**UTU-75082**

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

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

8. Well Name and No  
**Wilkin Ridge Federal 34-17-10-17**

9. API Well No  
**43-013-32560**

10. Field and Pool, or Exploratory Area  
**Wildcat**

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

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

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate 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 recomplate 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.*

RECEIVED  
APR 26 2006  
DIV. OF OIL, GAS & MINING

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

Name (Printed Typed) **Beverly Walker** Title **Engineering Technician**

Signature *Beverly Walker* Date **April 24, 2006**

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-75082
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name NA
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (include area code) 303-483-0044	7. If Unit or CA. Agreement Name and/or No. NA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 582' FSL & 1921' FEL SW SE of Section 17-T10S-R17E		8. Well Name and No. Wilkin Ridge Federal 34-17-10-17
		9. API Well No. 43-013-32560
		10. Field and Pool, or Exploratory Area Wildcat
		11. County or Parish, State Duchesne County, Utah

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

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

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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 recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*This is to inform you that effective immediately we will be disposing of produced water from this well as follows:*

*All produced water from this well will be trucked off the location and disposed of at the Desert Spring State Evaporation Facility NW 1/4 of Section 36-T9S-R18E Uintah County, Utah. Which is owned by Gasco Production Company. A copy of the approved permit for this facility is attached.*

Accepted by  
Utah Division of  
Oil, Gas and Minerals  
FOR RECORD ONLY

RECEIVED  
OCT 24 2006

DIV. OF OIL, GAS & MINING

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

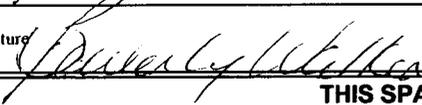
Name (Printed Typed)

Beverly Walker

Title

Engineering Tech

Signature



Date

October 18, 2006

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

Approved by

Title

Date

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

Office

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000  
5. Lease Serial No.  
UTU-75082

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  
N/A

2. Name of Operator  
Gasco Energy, Inc.

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

3. Address 8 Inverness Drive East Suite 100, Englewood, Colorado 80112  
3a. Phone No. (include area code) 303-483-0044

8. Lease Name and Well No.  
Wilkin Ridge Federal 34-17-10-17

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
At surface 582' FSL & 1921' FEL SW 1/4 SE 1/4  
At top prod. interval reported below  
At total depth

9. API Well No.  
043-013-32560

10. Field and Pool, or Exploratory  
Wildcat

11. Sec., T., R., M., or Block and Survey or Are Section 17-T10S-R17E

12. County or Parish Duchesne 13. State Utah

14. Date Spudded 02/25/05 15. Date T.D. Reached 07/15/05 16. Date Completed  D & A  Ready to 08/31/05 P.M.O.P.

17. Elevations (DF, RKB, RT, GL)\*  
5969.3' GL & 5986' KB

18. Total Depth: MD 13270 TVD 13270 19. Plug Back T.D.: MD 12960 TVD 12960 20. Depth Bridge Plug Set MD NA TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
LL HR, (CBL, CNL, SL, ML), PE/TRIPLA COMP  
22. Was well cored  No  Yes (Submit copy)  
Was DST run?  No  Yes (Submit copy)  
Directional Survey?  No  Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H40	48#	0	230'		225 sx of Class G		Surface (circulated)	
12 1/4	8 5/8 J-55	32#	0	3522'		520 HiLift & 160 sx Class A		Surface (circulated)	
7 7/8	4 1/2 P110	13.5#	0	13261'		565 HiLift & 2210 sx 50-50		Surface (circulated)	

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"	12651							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blackhawk	12342	13030	See Attached			
B) Mesaverde	11118	11950				
C)						

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

Depth Interval	Amount and type of Material
See Attached	

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PERIOD  
EXPIRED  
ON 09/30/06

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
09/01/05	09/02/05	24	→	0	1,192	224			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
14/64	SI	0	2200 →	0	1192	224		Producing from A & B	

28a. Production - Interval B & C

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

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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
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval 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	5,157	9,364	TD well within the Blackhawk @ 13,270'		
Dark Canyon	9,364	9,422			
MesaVerde	9,422	12,055			
Blackhawk	12,254				

32. Additional remarks (include plugging procedure):

CBL indicated no bond over the interval 12885 - TD. A remedial cement job was performed on 8/17/05 - 49 sx of Class G with D13 retarder, D65 TIC Dispersant & UniFlac-s D-167 was used. The deepest interval (Blackhawk-Aberdeen) has been abandoned.

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 11/16/2006

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.

**Wilkin Ridge Federal 34-17-10-17**  
Additional information to completion report

5. Producing Intervals continued

Formation	Perforated Interval	Size	No. Holes	Perf. Status
.. Blackhawk	13006-11'; 13024-30' Plug @12980'	0.38	33	Plugged
.. Blackhawk	12882-92'; 12606-614'; 12440-43'; 12392-96'; 13242-46'	0.38	87	Open
.. Mesaverde	11947-50'; 11902-05'; 11864-68'; 11836-40'; 11448-51'; 11408-11'; 11301-05'; 11275-78'; 11257-60'; 11200-04'; 11165-68'; 11118-22	0.38	123	Open

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

Depth Interval	Amount and Type of Material
12890 -13030	Pumped 10 bbls class "G" cmt (49 sx) w/ D13 retarder + D 65 TIC Dispersant + UniFlac-s D-167
12882 - 12892	61,000# of 20-40 Temp DC Plus and 78,739# of 20-40 Econoprop, using 2055 Bbl of Slickwater, YF 125ST, and YF 1
12342 - 12443	103,573# 20-40 Tempered DC Plus, using 2566 bbls WF and YF 118 gel
11836 - 11950	122,628# 20-40 Temp DC +, using 2871 bbls WF and YF 118 gel
11257 - 11451	116,243# (103,350# into formation), using 2802 bbls WF and YF 118 gel
11118 - 11204	137,842# 20-40 TDC+, using 3188 bbls YF and WF 118 gel

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GASCO PRODUCTION CO  
Wilkin Ridge Federal 34-17-10-17

T-105 R-17E S-17  
~~\_\_\_\_\_~~  
43-013-32560

**Completion**

- 8/ /05           MIRU SLB (Jason) and ran CBL/GammaRay/CCL log.
- 8/ /05           RU B&C Quicktest and psi tested csg to 9500 psi, ok.
- 8/10/05         RU SLB (Jason). Fd 2500 SICP on unperforated csg. RIH w/ guns to perf Stage 1- Black Hawk – Aberdeen. Tagged an obstruction @ 1988' (CCL). Spudded on several times w/ no success. POOH. Blew csg dn, hard. RIH again and tagged up higher, @ 1918'. Tagged several times, and obstruction finally moved. RIH. Tagged again @ 4227' and fell thru w/ 3 tags. Never felt it again. Perforated Stg 1 f/ 13006 – 11', 13024 – 30', 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased, .44 EHD, 24.9" pen, 24 gm chgs. RU SLB (Red crew – Shawn Moon) to frac. Discovered bad bond – free pipe across bottom 2 Stgs, f/ 12885' to TD. RD frac crew. Will MIRU Service rig tomorrow for squeeze procedure. (SCE)
- 8/11/05         MIRU Temples WS.
- 8/12/05         MIRU Temples WS. Opened well up to FB @ 5:45 PM, on 12/64" ck w/ 1950 SICP. Will flow all night to determine natural feed in rate. (SCE)
- 8/13/05         Well blew dn to 0 in 1 ½ hrs. RU SLB Wireline. RIH w/ squeeze gun and shot "entry holes" @ 13000 – 02', 6 spf w/ 3 1/8" Hivolt guns. POOH. RIH w/ Halliburton EZSV retainer and second squeeze gun. Set EZSV @ 12980'. Shot "return holes" @ 12890 – 92', 6 spf. Never felt any tight spots w/ retainer. No change in pressure or flow when gun was shot (in Kennilworth sand. RD SLB. ND frac tree. NU BOPE. RIH w/ EZSV stinger on 2 3/8" tbg to +- 1800'. SDFN. (SCE) DC \$ 88,395   CCC \$88,395
- 8/14/05         Fin RIH w/ EZSV stinger. Sting into retainer @ 12980'. Established circulation with no problems. Circ for several hrs. Recovered very small amt of dirty water. SDFN.
- 8/16/05         Break circulation. Wait on SLB cmt trucks. Finally canceled for day. DC 16180   CCC \$104,575
- 8/17/05         Circ for 2 hrs and MIRU SLB cmt crew. Mix and pump 10 bbls class "G" cmt (49 sx) w/ D13 retarder + D 65 TIC Dispersant + UniFlac-s D-167. Spot displace cmt to end of tbg. Sting into retainer and place cmt. Stinging out and POOH w/ 3 stds. Reverse circ wellbore clean.

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- Pull up 2 more jts and pressure up to 2000 psi. SWIFN. (Scott Seely and Rick w/ Premier)**
- 8/18/05 POOH and removed EZSV stinger. RIH w/ 3 3/4" tri cone bit on bit sub. RU power swivel. SDFN. (Rick w/ Premier)**
- 8/19/05 Fd 900 SICP. Blew dn and fin RIH. Tagged cmt top @ 12833'. Drill out cmt to 12976'. POOH and LD 111 jts tbg. SDFN. (Rick w/ Premier) DC 6620 CCC \$111,195**
- 8/21/05 Fin POOH and LD tbg. ND BOPE. NU frac tree and test. RDMOL. MIRU SLB Wireline (Dwayne) and ran CBL across bottom section of well. LD bond tool and RIH w/ guns to perf Stg 2 – Blackhawk – Kenilworth. Perforated f/ 12882 – 92', 3 spf w/ 3 1/8" Hivolt guns. Well ready to frac. (SCE)**
- 
- 8/23/05 Stage 1 canceled due to bad cement job. MIRU SLB PS-Selwyn. WO frac head. Break down Kenilworth with 5738spi. ATP 7099psi at 30 BPM. Perform reverse step rate test. ISIP-5800psi, bled to 5670psi in 20 min. Frac Stage 2-Kenilworth with 61,000# of 20-40 Temp DC Plus and 78,739# of 20-40 Econoprop, using 2055 Bbl of Slickwater, YF 125ST, and YF 120ST fluid. Sandmaster sanded off twice causing slowdown then 10 minute shutdown. Were able to regain injection and finish most of job. ATP 6709psi at 30 BPM. ISIP-5900psi. Turned well on for flowback at 12:00 Pm on a 12/64 ck with 5400psi. Flowed well for 3 hrs with 3400-4400 psi. Cut back from a 14 ck to a 12 ck to limit sand production. Well still making sand. Release wireline crew for night**
- 8/24/05 RU SLB Wireline (DeWayne) Perforate Sunnyside (NO FRAC) 12,606'-614' 3 SPF and Grassy 12,440'-443', 12,392'-396' and Desert 12,342'-346' 3 SPF with a 3 1/8" Hi-Vol Gun. POOH, could not get last 38' into lubricator. Worked line until tools into tree, would not move any more. Pump 60 bbls water down hole at 5-2 BPM, pressure increase from 5200-7200 psi, indicating sand across perfs. Flowed water back and tools moved into lubricator. Found cable head only, guns fell down hole. Wire cable stranded at 38' spot. Rehead cable and GIH with dummy gun. Tagged top of fish at 12660'. Left well shut-in while waiting on braided line truck.**
- 8/25/05 MIRU SLB braided line unit (Ray, Evanston Wy). Fd 6300 psi SICP. RIH w/ 3 3/4" overshot. Tagged @ 12,617' (43' higher than Jasons measurement). Tried to engage fish. Pulled over and fired jars twice. Pulled off/free. POOH and found nothing wrong w/ tools. RIH again and tagged dn several times w/ no overpull. POOH. RIH w/ sand**

bailer and tagged fill @ 12460' (157' higher than last run). Bailed and POOH. Fd bailer full of 20-40 Econoprop. Opened well up to sep and pit to try to unload sand. Sold 38 MCF and 84 bbls wtr in 9 hrs. Sd plug never came free. (SCE) DC \$28,702 CCC \$139,897

8/26/05 SWI @ 8:30 AM. TR 1058. BLWTR 997. RD slickline lube. SICP 1000. RU electric line lube. RIH w/ CCL and tagged sd fill (? or fish) @ 12861' (21' above Kennilworth perms). Suspect all shallower tags were on sand bridges. Worked CCL thru 12460 area 3 times, with no dragging. POOH. Now have 1900 SICP. RIH w/ 9K FTFP and set @ 12460'. Setting tool dragging until 12180. Sand on tool. RU SLB (Selwyn) to frac Stage 3 – Grassy / Desert. Fd 3805 SICP. Loaded hole w/ 50 BW. Broke dn perms @ 8200 psi @ 5.7 bpm. ISIP 5350. FG .87. Calc 16 holes open / 33. Suspect bottom set of perms may have been covered w/ sd. Hybrid fraced Stg 3 / Grassy / Desert w/ 103,573# 20-40 Tempered DC Plus, using 2566 bbls WF and YF 118 gel. Flushed csg w/ 182.1 bbls. ISIP 5660. FG .90. ~~No flowback between stages.~~ Waited 2 ½ hrs before we figured out we didn't have an operator capable of running perforating truck. Turned on flowback @ 6:30 PM w/ 4600 SICP, on 12/64" ck. (SCE)

8/27/05 Shut well in @ 5:00 AM to perf w/ 2200 FCP on 16/64" ck. Made 1146 bbls in 10.5 hrs. TR 2204. BLWTR 2417. RIH w/ plug and guns to perf Stage 4, Lower Mesaverde. Set FTFP #2 @ 11965'. Perforated f/ 11836 – 40', 11864 – 68', 11902 – 05', 11947 – 50'. Fd 4060 SICP. Broke dn perms @ 6730 psi @ 5.3 bpm. ISIP 4780. FG .84. Calc 21 holes open / 42. Hybrid fraced Stg 4 w/ 122,628# 20-40 Temp DC +, using 2871 bbls WF and YF 118 gel. Flushed csg w/ 174.6 bbls (2 bbls short). ISIP 5200. FG .88. No Flowback. RIH w/ plug and guns to perf Stage 5, Lower Mesaverde. Set FTFP #3 @ 11466'. Perfed 11257 – 60, 11275 – 78', 11301 – 05', 11408 – 11', 11448 – 51', 3 spf. Broke dn perms- pumped into perms @ 6250 psi @ 6.9 bpm. ISIP 4650. FG .85. Calc 22 holes open / 48. Hybrid fraced Stg 5 w/ 116,243# (103,350# into formation), using 2802 bbls WF and YF 118 gel. Lost 2 pumps during job. Ended up @ 41 bbls/min instead of 55. Screened out to 9000 psi w/ 63 bbls flush away. Went to flush early, during 3.5 ppg stage. Opened well up to FB @ 2:10 PM on 14/64" ck w/ 6550 SICP (screened out). Unloaded sd ok. (SCE)

8/28/05 SWI @ 4:00 AM w/ 3100 FCP on 16/64" ck. Made 1632 bbls in 14 hrs. TR 3836. BLWTR 6458. Fd 3600 SICP. RIH w/ plug and guns to perf Stg 6 – Lower Mesaverde. Set FTFP #4 @ 11219'. Perfed f/ 11118 – 22', 11165 – 68', 11200 – 04', 3 spf. RU Selwyn to frac. Broke dn perms @ 5253 psi @ 5.3 bpm. ISIP 4450. FG .84. Calc 22 holes open / 33. Hybrid fraced Stg 6 w/ 137,842# 20-40 TDC+, using 3188 bbls YF and WF 118 gel. Flushed w/ 164 bbls (1.9 bbls short).

- ISIP 4660. FG .86. Opened well up to FB @ 10:40 AM on 12/64" ck w/ 4500 SICP. DC \$741,202 CCC \$881,099**
- 8/29/05 Well flg this AM w/ 3250 FCP on 16/64" ck. Fld 2087 bbls in 20 ½ hrs. TR 5923. BLWTR 7559.**
- 8/30/05 Well flg this AM w/ 3000 FCP on 16/64" ck. Fld 1113 bbls in 24 hrs. TR 7036. BLWTR 6446.**
- 8/31/05 Well flg this AM w/2550 FCP on 14/64 ck. Fld 498 bbls in 24 hrs. TR 7534. BLWTR 5948. RU SLB coiled Tubing unit. Make up Baker 3.78" four blade flat mill on motor, circ sub, disconnect, jars, bpv, on 1 ¾" coiled tubing. Pressure test assembly, check motor GIH at 2PM. Tagged first plug at 11060' (coil 159' off depth) drilled plug in 35 min. No sand. Tagged second plug at 11,300'(coil 166' off depth), drilled plug in 40 min. No sand. Tagged third plug at 11787'(coil 178' off depth), drilled plug in 25 min, no sand. Tagged fourth plug at 12,260'(coil 200' off depth). Drilled plug in 15 min. Tagged top of fish at approx 12,672' coil depth or 12,868' wireline depth. No sand. Well flowing with 1150 FCP on 16/64 ck with full column of fluid. Decided that since bottom zone was flowing fine to leave fish in hole until tubing is run. POOH and rig down coiled tubing unit. (JDL)**
- 9/1/05 Well flowing this AM w/ 2100 FCP on 14/64" ck. Made 248 bbls in 14 ½ hrs. TR 7782. BLWTR 5700. Put well dn line this PM @ 1.1 MMCFD rate. DC 67109 CCC \$948,208**
- 9/18/05 Update late costs: DC 100,072 CCC \$1,048,280**
- 11/10/05 MORU service rig, set pump and tank, unload 2 3/8 TBG to pipe racks. Leave well flowing down sales line for night. DC \$ 6222 CCC \$ 1,054,502. (CR, Rick w/ Premier)**
- 11/11/05 Well flowing this AM down sales. Pump 70 bbls down casing and NDWH and NU BOP. Pick up 3 5/8 burn shoe, 1 jt wash pipe, x-over, bumper sub and jars w/ 3 1/8 overshot. Start in hole P.U Tbg off racks tallying in. P.U. to 9500' and close well in above perms until nitrogen unit available in morning. ( rick w/ Premier / CR) DC \$ 10813 CCC \$ 1,065,315**
- 11/12/05 Open up well this AM w/ 1000 psi on csg. Finish RIH w/ Tbg, rig up cudd nitrogen unit and wash over fish. Pump pressure increased and keep losing hole. Set back swivel and start out of hole. POOH to 1000' above perms and close well in for night. ( Rick w/ Premier/ CR) DC \$ 23,280 CCC \$ 1,088,595**

- 11/13/05 **Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ Tbg, no fish grapple un-marked. Lay down wash pipe and RIH w/ 3 1/8 overshot w/ 2.3" grapple. Tag fish @ 12,818' work over fish. Tbg pressured up and held 1000 psi drug over for 60'. Start out of hole w/ Tbg, pull up above perms and close well in for night. ( Rick w/ Premier / CR) DC \$ 14,782 CCC \$ 1,103,377.**
- 11/14/05 **Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ tbg and fishing tools. No fish, grapple is chipped up. Pick up wash pipe w/ over shot, jars and bumper sub. RIH w/ Tbg to wash to PBTD. Close well in above perms and shut down for night. ( Rick w/ Premier/ CR) DC \$ 14075 CCC \$ 1,117,452**
- 11/15/05 **Open well up this AM 1000 psi. Finish RIH w Tbg tag fish @ 12818'. Rig up Cudd and break circ, wash over fish to 12835' and quit making hole. Circ bottoms up and POOH w/ Tbg. Shut well in for night. DC \$ 25,319 CCC \$ 1,142,771 ( Rick w/ Premier / CR)**
- 11/16/05 **Open well up this AM w/ 2000 psi. Finish POOH w/ Tbg and BHA no fish, shoe looks wore out. Pick 3 3/4 overshot w/ 1 3/8 grapple, bumper sub, and Hyd jars. Rih w/ Tbg above perms and shut down for night. ( Rick w/ Premier / CR) DC \$ 6425 CCC \$ 1,149,196**
- 11/17/05 **Open well up this AM w/ 2000 psi. Finish RIH w/ Tbg and tag fish @ 12,830' fish fell down hole 12'. Work over fish and try to catch. POOH w/ Tbg , no fish lay down fishing tools and RIH w/ 1 jt XN nipple and remainder of Tbg. Shut well in for night and shut down. DC \$ 10710 CCC\$ 1,159,906 (Rick w/ Premier / CR)**
- 11/18/05 **Open well up this AM w/ 1900 psi. Finish RIH w/ Tbg and land well @ 11,399' w/ 359 jts 2 3/8 Tbg. Nipple down BOP and N.U.W.H, and rack out pump and tank, RDMO. Rick w/Premier / CR) DC \$ 3607 CCC \$ 1,163,513**
- 11/23/05 **MORU service unit. Rig up pump and tank, set pipe racks and catwalk. Shut down for day. (CR) DC \$ 4359 CCC \$ 1,167,872**
- 11/24/05 **Well flowing this AM w/ 850 tbg pressure and 1250 csg pressure. Pump 80 Bbls and NDWH and NU BOP. POOH w/ 278 jts of Tbg. Shut well in and leave flowing down sales for weekend. (CR) DC \$ 4985 CCC \$ 1,172,857.**
- 11/29/05 **Well flowing this AM @ 900 psi. pump 10 bbls and RIH w/ 1 jt, xn nipple, and 277 jts. Broach Tgb and ND BOP and NUWH. Rack out pump and tank and move off due to nitrogen cancelling. (CR) DC \$ 7058 CCC \$ 1,179,915**

- 12/24/05** Road rig to location MORU. Well flowing @ 600 psi control well w/ 20 bbls. NDWH and NUBOP. Pull out of hole w/ 359 jts and BHA. Turn well over to sales for weekend and shut down. ( Chuck w/ Premier / CR) DC \$ 11,940 CCC \$ 1,191,855
- 12/28/05** Well flowing this AM @ 600 psi. P.U. BHA as 3 ¾ burn shoe, 1 joint wash pipe, extension, 2 drill collars, bumper sub, and jars. RIH w/ Tbg to 12,800' and break circ w/ nitrogen. Unable to break circ POOH w 10 stands and circ hole. RIH w/ 10 stands and break circ again. Roll hole clean and POOH w/ 15 stands and leave tbg @ 11,684. Shut down for day. ( Rick w/ Premier / CR) DC \$ 18,999 CCC \$ 1,210,854
- 12/29/05** Open well up this AM w 900/1200 psi. Finish RIH w/ tbg. Pick up swivel and break circ w nitrogen. Wash over fish to 12904' stop making hole. Work tools and unable to make any hole. Set back swivel and start out of hole w/ Tbg. POOH w 74 jts w/ EOT @ 10592'. Close well in and shut down for day. ( Rick w/ Premier / CR) DC \$ 34,415 CCC \$ 1,245,269
- 12/30/05** Open well up this AM 1050 tbg / 1250 csg. Pump 35 Bbls and POOH w/ 339 jts tbg. Change out burn shoe, Shoe was wore out. RIH w/ BHA and 352 jts and shut down for day. EOT @ 10,500'. ( Rick w/ Premier / CR ) DC \$ 12,752 CCC \$ 1,258,021
- 12/31/05** Open well up this AM 1050 tbg/ 650 csg. RIH w/ 50 jts. Tag fish top and break circ. Wash over fish to 12,945' w/ 404 jts, 28' bellow perfs. POOH above perfs and shut down for day. ( Rick w/ Premier / CR ) DC \$ 27,177 CCC \$ 1,285,198
- 1/1/06** Open well up this AM 1700 tbg / 2000 csg. RIH w/ Tbg and tag fish @ 12914, break circ and clean out to 12918'. POOH laying down 45 jts and POOH w/ 359 Jts. Gun was stuck in wash pipe lay down BHA and 33' gun. RIH w/ POBS and 1 jt XN nipple and 166 jts TBG. Close well in and leave down sales for weekend. (Rick w/ Premier / CR ) DC \$ 19,100 CCC \$ 1,304,298
- 1/3/06** Well flowing this AM w/ 1000 psi. open well up and finish RIH w/ Tbg. Land well w/ 359 jts @ 11,398'. Broach tbg , broach o.k. NDBOP and NUWH. Drop ball and pump off float. RDMO and return well to sales. DC \$ 4384 CCC \$ 1,308,682 ( Rick w/ Premier / CR)
- 8/15/06** MORU service unit, rig up pump and tank and pump 20 bbls down tbg and put csg to sales. NDWH and NU BOP, rig up floor and tbg equip and

POOH w/ tbg. POOH w/ 300 jts and shut down for day. Leave csg flowing to sales for night. (Rick w/ Premier / CR) DC \$ 6109 CCC \$ 1,314,791

8/16/06 Well flowing up casing this AM @ 400 psi. Open up well and POOH w/ 3 jts, found slick line and tools. Cut and strip 1300' of slick line out of pipe. Pump 20 bbls down csg and finish POOH w/ tbg. Found bumper spring 17 jts off bottom. POBS and bottom jt completely scaled shut, had to lay down bottom 18 jts due to scale build up on inside of pipe. Pick up 3 3/4 mill and bit sub and RIH w/ 359 jts tbg tallying. Tag up @ 11,399'. Rig up swivel and shut down for day. leave well flowing to sales overnight. (Rick w/ Premier / CR ) DC \$ 6848 CCC \$ 1,321,639

8/17/06 Well flowing this AM @ 300 / 300 psi. Rig up Maverick nitrogen unit and break circ. Drill down from 11,399' - 11,497' and fall through. RIH w/ 46 jts to PBD @ 12,960' and circ bottoms up. Rig down Maverick and POOH w/ 232 jts. Leave csg flowing to sales and shut down for night. (Rick w/ Premier / CR) DC \$ 21,467 CCC \$ 2,664,745

8/18/06 Well flowing this AM @ 300 psi. Bleed off well and finish POOH w/ 177 jts and BHA. Pick up 2 3/8 notched collar, X-Nipple and RIH w/ 400 jts tbg. Broach tbg and land well @ 12,651 w/ 400 jts. ND BOP and NUWH, rig up swab and start swabbing. IFL 4800', recover 5 bbls and shut down for day. (Rick w. Premier / CR) DC \$ 7295 CCC \$ 2,672,040

8/19/06 Open well up this AM and start swabbing. IFL 4300'. Make 6 runs and recover 36 bbls when rig crew run into top of lubricator dropping swab equipment down hole. Restrung sand line over crown and try to flow bars out of hole with no success. Pump 25 bbls down tbg and ND WH and NU BOP. Start out of hole w/ tbg and shut down for day. (Rick w/ Premier / CR) DC \$ 2811 CCC \$ 2,674,851

8/22/06 Finish POOH w/ tbg and remove swab tool's 7 jts above X-nipple. RIH w/ tbg and land well @ 12,651' w/ 400 jts. Broach tbg and ND BOP and NUWH. Well started flowing put well down sales and SDFD. (Rick w/ Premier / CR) DC \$ 0.00 CCC \$ 2,674,851

8/23/06 Open well up and rig up swab. Make 13 runs and recover 45 bbls well started flowing. Unload well to production tank and turn down line @ 4:00 pm. RDMO service unit. (Rick w/ Premier / CR) DC \$ 4700 CCC \$ 2,679,551 (**Final report**)

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JAN 16 2008

DIV. OF OIL, GAS & MINING

**Gasco Production Company**  
Wilkin Ridge Federal 34-17-10-17  
SW SE of Section 17-T10S-R17E  
Duchesne County Utah,  
**043-013-32560**

**Completion Reports**

- 8/ /05           MIRU SLB (Jason) and ran CBL/GammaRay/CCL log.
- 8/ /05           RU B&C Quicktest and psi tested csg to 9500 psi, ok.
- 8/10/05         RU SLB (Jason). Fd 2500 SICP on unperforated csg. RIH w/ guns to perf **Stage 1- Black Hawk – Aberdeen**. Tagged an obstruction @ 1988' (CCL). Spudded on several times w/ no success. POOH. Blew csg dn, hard. RIH again and tagged up higher, @ 1918'. Tagged several times, and obstruction finally moved. RIH. Tagged again @ 4227' and fell thru w/ 3 tags. Never felt it again. **Perforated Stage 1 f/ 13006 – 11', 13024 – 30'**, 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased, .44 EHD, 24.9" pen, 24 gm chgs. RU SLB (Red crew – Shawn Moon) to frac. Discovered bad bond – **free pipe across bottom 2 Stgs, f/ 12885' to TD**. RD frac crew. Will MIRU Service rig tomorrow for squeeze procedure. (SCE)
- 8/11/05         MIRU Temples WS.
- 8/12/05         MIRU Temples WS. Opened well up to FB @ 5:45 PM, on 12/64" ck w/ 1950 SICP. Will flow all night to determine natural feed in rate. (SCE)
- 8/13/05         Well blew dn to 0 in 1 ½ hrs. RU SLB Wireline. RIH w/ squeeze gun and shot "entry holes" @ 13000 – 02', 6 spf w/ 3 1/8" Hivolt guns. POOH. RIH w/ Halliburton EZSV retainer and second squeeze gun. Set EZSV @ 12980'. Shot "return holes" @ 12890 – 92', 6 spf. Never felt any tight spots w/ retainer. No change in pressure or flow when gun was shot (in Kennilworth sand. RD SLB. ND frac tree. NU BOPE. RIH w/ EZSV stinger on 2 3/8" tbg to +- 1800'. SDFN. (SCE) DC \$ 88,395   CCC \$88,395
- 8/14/05         Fin RIH w/ EZSV stinger. Sting into retainer @ 12980'. Established circulation with no problems. Circ for several hrs. Recovered very small amt of dirty water. SDFN.
- 8/16/05         Break circulation. Wait on SLB cmt trucks. Finally canceled for day. DC 16180   CCC \$104,575

- 8/17/05 Circ for 2 hrs and MIRU SLB cmt crew. Mix and pump 10 bbls class "G" cmt (49 sx) w/ D13 retarder + D 65 TIC Dispersant + UniFlac-s D-167. Spot displace cement to end of tubing. Sting into retainer and place cement. Sting out and POOH w/ 3 stands. Reverse circ wellbore clean. Pull up 2 more jts and pressure up to 2000 psi. SWIFN. (Scott Seely and Rick w/ Premier)
- 8/18/05 POOH and removed EZSV stinger. RIH w/ 3 3/4" tri cone bit on bit sub. RU power swivel. SDFN. (Rick w/ Premier)
- 8/19/05 Fd 900 SICP. Blew dn and fin RIH. Tagged cmt top @ 12833'. Drill out cmt to 12976'. POOH and LD 111 jts tbg. SDFN. (Rick w/ Premier) DC 6620 CCC \$111,195
- 8/21/05 Fin POOH and LD tbg. ND BOPE. NU frac tree and test. RDMOL. MIRU SLB Wireline (Dwayne) and ran CBL across bottom section of well. LD bond tool and RIH w/ guns to **perf Stage 2 – Blackhawk – Kenilworth. Perforated f/ 12882 – 92'**, 3 spf w/ 3 1/8" Hivolt guns. Well ready to frac. (SCE)
- 
- 8/23/05 Stage 1 canceled due to bad cement job. MIRU SLB PS-Selwyn. WO frac head. Break down Kenilworth with 5738spi. ATP 7099psi at 30 BPM. Perform reverse step rate test. ISIP-5800psi, bled to 5670psi in 20 min. **Frac Stage 2-Kenilworth with 61,000# of 20-40 Temp DC Plus and 78,739# of 20-40 Econoprop, using 2055 Bbl of Slickwater, YF 125ST, and YF 120ST fluid.** Sandmaster sanded off twice causing slowdown then 10 minute shutdown. Were able to regain injection and finish most of job. ATP 6709psi at 30 BPM. ISIP-5900psi. Turned well on for flowback at 12:00 Pm on a 12/64 ck with 5400psi. Flowed well for 3 hrs with 3400-4400 psi. Cut back from a 14 ck to a 12 ck to limit sand production. Well still making sand. Release wireline crew for night
- 8/24/05 RU SLB Wireline (DeWayne) **Perforate Sunnyside (NO FRAC) 12,606'-614' 3 SPF and Grassy 12,440'-443', 12,392'-396' and Desert 12,342'-346'** 3 SPF with a 3 1/8" Hi-Vol Gun. POOH, could not get last 38' into lubricator. Worked line until tools into tree, would not move any more. Pump 60 bbls water down hole at 5-2 BPM, pressure increase from 5200-7200 psi, indicating sand across perms. Flowed water back and tools moved into lubricator. Found cable head only, guns fell down hole. Wire cable stranded at 38' spot. Rehead cable and GIH with dummy gun. Tagged top of fish at 12660'. Left well shut-in while waiting on braided line truck.
- 8/25/05 MIRU SLB braided line unit (Ray, Evanston Wy). Fd 6300 psi SICP. RIH w/ 3 3/4" overshot. Tagged @ 12,617' (43' higher than Jasons

measurement). Tried to engage fish. Pulled over and fired jars twice. Pulled off/free. POOH and found nothing wrong w/ tools. RIH again and tagged dn several times w/ no overpull. POOH. RIH w/ sand bailer and tagged fill @ 12460' (157' higher than last run). Bailed and POOH. Fd bailer full of 20-40 Econoprop. Opened well up to sep and pit to try to unload sand. Sold 38 MCF and 84 bbls wtr in 9 hrs. Sd plug never came free. (SCE) DC \$28,702 CCC \$139,897

8/26/05 SWI @ 8:30 AM. TR 1058. BLWTR 997. RD slickline lube. SICP 1000. RU electric line lube. RIH w/ CCL and tagged sd fill (? or fish) @ 12861' (21' above Kennilworth perfs). Suspect all shallower tags were on sand bridges. Worked CCL thru 12460 area 3 times, with no dragging. POOH. Now have 1900 SICP. RIH w/ 9K FTFP and set @ 12460'. Setting tool dragging until 12180. Sand on tool. RU SLB (Selwyn) to **frac Stage 3 – Grassy / Desert**. Fd 3805 SICP. Loaded hole w/ 50 BW. Broke dn perfs @ 8200 psi @ 5.7 bpm. ISIP 5350. FG .87. Calc 16 holes open / 33. Suspect bottom set of perfs may have been covered w/ sd. **Hybrid fraced Stage 3 / Grassy / Desert w/ 103,573# 20-40 Tempered DC Plus, using 2566 bbls WF and YF 118 gel**. Flushed csg w/ 182.1 bbls. ISIP 5660. FG .90. ~~No flowback between stages~~. Waited 2 ½ hrs before we figured out we didn't have an operator capable of running perforating truck. Turned on flowback @ 6:30 PM w/ 4600 SICP, on 12/64" ck. (SCE)

8/27/05 Shut well in @ 5:00 AM to perf w/ 2200 FCP on 16/64" ck. Made 1146 bbls in 10.5 hrs. TR 2204. BLWTR 2417. RIH w/ plug and guns to perf **Stage 4, Lower Mesaverde**. Set FTFP #2 @ 11965'. Perforated f/ **11836 – 40', 11864 – 68', 11902 – 05', 11947 – 50'**. Fd 4060 SICP. Broke dn perfs @ 6730 psi @ 5.3 bpm. ISIP 4780. FG .84. Calc 21 holes open / 42. **Hybrid fraced Stage 4 w/ 122,628# 20-40 Temp DC +, using 2871 bbls WF and YF 118 gel**. Flushed csg w/ 174.6 bbls (2 bbls short). ISIP 5200. FG .88. No Flowback. RIH w/ plug and guns to **perf Stage 5, Lower Mesaverde**. Set FTFP #3 @ 11466'. **Perfed 11257 – 60, 11275 – 78', 11301 – 05', 11408 – 11', 11448 – 51'**, 3 spf. Broke dn perfs-pumped into perfs @ 6250 psi @ 6.9 bpm. ISIP 4650. FG .85. Calc 22 holes open / 48. **Hybrid fraced Stage 5 w/ 116,243# (103,350# into formation), using 2802 bbls WF and YF 118 gel**. Lost 2 pumps during job. Ended up @ 41 bbls/min instead of 55. Screened out to 9000 psi w/ 63 bbls flush away. Went to flush early, during 3.5 ppg stage. Opened well up to FB @ 2:10 PM on 14/64" ck w/ 6550 SICP (screened out). Unloaded sd ok. (SCE)

8/28/05 SWI @ 4:00 AM w/ 3100 FCP on 16/64" ck. Made 1632 bbls in 14 hrs. TR 3836. BLWTR 6458. Fd 3600 SICP. RIH w/ plug and guns to perf **Stage 6 – Lower Mesaverde**. Set FTFP #4 @ 11219'. **Perfed f/ 11118 – 22', 11165 – 68', 11200 – 04'**, 3 spf. RU Selwyn to frac. Broke dn perfs

- @ 5253 psi @ 5.3 bpm. ISIP 4450. FG .84. Calc 22 holes open / 33. **Hybrid fraced Stg 6 w/ 137,842# 20-40 TDC+, using 3188 bbls YF and WF 118 gel.** Flushed w/ 164 bbls (1.9 bbls short). ISIP 4660. FG .86. Opened well up to FB @ 10:40 AM on 12/64" ck w/ 4500 SICP. DC \$741,202 CCC \$881,099
- 8/29/05 Well flg this AM w/ 3250 FCP on 16/64" ck. Fld 2087 bbls in 20 ½ hrs. TR 5923. BLWTR 7559.
- 8/30/05 Well flg this AM w/ 3000 FCP on 16/64" ck. Fld 1113 bbls in 24 hrs. TR 7036. BLWTR 6446.
- 8/31/05 Well flg this AM w/2550 FCP on 14/64 ck. Fld 498 bbls in 24 hrs. TR 7534. BLWTR 5948. RU SLB coiled Tubing unit. Make up Baker 3.78" four blade flat mill on motor, circ sub, disconnect, jars, bpv, on 1 ¾" coiled tubing. Pressure test assembly, check motor GIH at 2PM. Tagged first plug at 11060' (coil 159' off depth) drilled plug in 35 min. No sand. Tagged second plug at 11,300'(coil 166' off depth), drilled plug in 40 min. No sand. Tagged third plug at 11787'(coil 178' off depth), drilled plug in 25 min, no sand. Tagged fourth plug at 12,260'(coil 200' off depth). Drilled plug in 15 min. Tagged top of fish at approx 12,672' coil depth or 12,868' wireline depth. No sand. Well flowing with 1150 FCP on 16/64 ck with full column of fluid. Decided that since bottom zone was flowing fine to leave fish in hole until tubing is run. POOH and rig down coiled tubing unit. (JDL)
- 9/1/05 Well flowing this AM w/ 2100 FCP on 14/64" ck. Made 248 bbls in 14 ½ hrs. TR 7782. BLWTR 5700. Put well dn line this PM @ 1.1 MMCFD rate. DC 67109 CCC \$948,208
- 9/18/05 Update late costs: DC 100,072 CCC \$1,048,280
- 11/10/05 MORU service rig, set pump and tank, unload 2 3/8 TBG to pipe racks. Leave well flowing down sales line for night. DC \$ 6222 CCC \$ 1,054,502. (CR, Rick w/ Premier)
- 11/11/05 Well flowing this AM down sales. Pump 70 bbls down casing and NDWH and NU BOP. Pick up 3 5/8 burn shoe, 1 jt wash pipe, x-over, bumper sub and jars w/ 3 1/8 overshot. Start in hole P.U Tbg off racks tallying in. P.U. to 9500' and close well in above perfs until nitrogen unit available in morning. ( rick w/ Premier / CR) DC \$ 10813 CCC \$ 1,065,315
- 11/12/05 Open up well this AM w/ 1000 psi on csg. Finish RIH w/ Tbg, rig up cudd nitrogen unit and wash over fish. Pump pressure increased and keep losing hole. Set back swivel and start out of hole. POOH to 1000' above perfs

- and close well in for night. ( Rick w/ Premier/ CR) DC \$ 23,280 CCC \$ 1,088,595
- 11/13/05 Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ Tbg, no fish grapple un-marked. Lay down wash pipe and RIH w/ 3 1/8 overshot w/ 2.3" grapple. Tag fish @ 12,818' work over fish. Tbg pressured up and held 1000 psi drug over for 60'. Start out of hole w/ Tbg, pull up above perms and close well in for night. ( Rick w/ Premier / CR) DC \$ 14,782 CCC \$ 1,103,377.
- 11/14/05 Open well up this AM w/ 1000 psi on Csg. Finish POOH w/ tbg and fishing tools. No fish, grapple is chipped up. Pick up wash pipe w/ over shot, jars and bumper sub. RIH w/ Tbg to wash to PBTD. Close well in above perms and shut down for night. ( Rick w/ Premier/ CR) DC \$ 14075 CCC \$ 1,117,452
- 11/15/05 Open well up this AM 1000 psi. Finish RIH w Tbg tag fish @ 12818'. Rig up Cudd and break circ, wash over fish to 12835' and quit making hole. Circ bottoms up and POOH w/ Tbg. Shut well in for night. DC \$ 25,319 CCC \$ 1,142,771 ( Rick w/ Premier / CR)
- 11/16/05 Open well up this AM w/ 2000 psi. Finish POOH w/ Tbg and BHA no fish, shoe looks wore out. Pick 3 3/4 overshot w/ 1 3/8 grapple, bumper sub, and Hyd jars. Rih w/ Tbg above perms and shut down for night. ( Rick w/ Premier / CR) DC \$ 6425 CCC \$ 1,149,196
- 11/17/05 Open well up this AM w/ 2000 psi. Finish RIH w/ Tbg and tag fish @ 12,830' fish fell down hole 12'. Work over fish and try to catch. POOH w/ Tbg , no fish lay down fishing tools and RIH w/ 1 jt XN nipple and remainder of Tbg. Shut well in for night and shut down. DC \$ 10710 CCC\$ 1,159,906 (Rick w/ Premier / CR)
- 11/18/05 Open well up this AM w/ 1900 psi. Finish RIH w/ Tbg and land well @ 11,399' w/ 359 jts 2 3/8 Tbg. Nipple down BOP and N.U.W.H, and rack out pump and tank, RDMO. Rick w/Premier / CR) DC \$ 3607 CCC \$ 1,163,513
- 11/23/05 MORU service unit. Rig up pump and tank, set pipe racks and catwalk. Shut down for day. (CR) DC \$ 4359 CCC \$ 1,167,872
- 11/24/05 Well flowing this AM w/ 850 tbg pressure and 1250 csg pressure. Pump 80 Bbls and NDWH and NU BOP. POOH w/ 278 jts of Tbg. Shut well in and leave flowing down sales for weekend. (CR) DC \$ 4985 CCC \$ 1,172,857.

- 11/29/05 Well flowing this AM @ 900 psi. pump 10 bbls and RIH w/ 1 jt, xn nipple, and 277 jts. Broach Tgb and ND BOP and NUWH. Rack out pump and tank and move off due to nitrogen cancelling. (CR) DC \$ 7058  
CCC \$ 1,179,915
- 12/24/05 Road rig to location MORU. Well flowing @ 600 psi control well w/ 20 bbls. NDWH and NUBOP. Pull out of hole w/ 359 jts and BHA. Turn well over to sales for weekend and shut down. ( Chuck w/ Premier / CR)  
DC \$ 11,940 CCC \$ 1,191,855
- 12/28/05 Well flowing this AM @ 600 psi. P.U. BHA as 3 ¾ burn shoe, 1 joint wash pipe, extension, 2 drill collars, bumper sub, and jars. RIH w/ Tbg to 12,800' and break circ w/ nitrogen. Unable to break circ POOH w 10 stands and circ hole. RIH w/ 10 stands and break circ again. Roll hole clean and POOH w/ 15 stands and leave tbg @ 11,684. Shut down for day. ( Rick w/ Premier / CR) DC \$ 18,999 CCC \$ 1,210,854
- 12/29/05 Open well up this AM w 900/1200 psi. Finish RIH w/ tbg. Pick up swivel and break cicr w nitrogen. Wash over fish to 12904' stop making hole. Work tools and unable to make any hole. Set back swivel and start out of hole w/ Tbg. POOH w 74 jts w/ EOT @ 10592'. Close well in and shut down for day. ( Rick w/ Premier / CR) DC \$ 34,415 CCC \$ 1,245,269
- 12/30/05 Open well up this AM 1050 tbg / 1250 csg. Pump 35 Bbls and POOH w/ 339 jts tbg. Change out burn shoe, Shoe was wore out. RIH w/ BHA and 352 jts and shut down for day. EOT @ 10,500'. ( Rick w/ Premier / CR )  
DC \$ 12,752 CCC \$ 1,258,021
- 12/31/05 Open well up this AM 1050 tbg/ 650 csg. RIH w/ 50 jts. Tag fish top and break circ. Wash over fish to 12,945' w/ 404 jts, 28' bellow perfs. POOH above perfs and shut down for day. ( Rick w/ Premier / CR ) DC \$ 27,177  
CCC \$ 1,285,198
- 1/1/06 Open well up this AM 1700 tbg / 2000 csg. RIH w/ Tbg and tag fish @ 12914, break circ and clean out to 12918'. POOH laying down 45 jts and POOH w/ 359 Jts. Gun was stuck in wash pipe lay down BHA and 33' gun. RIH w/ POBS and 1 jt XN nipple and 166 jts TBG. Close well in and leave down sales for weekend. (Rick w/ Premier / CR ) DC \$ 19,100  
CCC \$ 1,304,298
- 1/3/06 Well flowing this AM w/ 1000 psi. open well up and finish RIH w/ Tbg. Land well w/ 359 jts @ 11,398'. Broach tbg , broach o.k. NDBOP and NUWH. Drop ball and pump off float. RDMO and return well to sales. DC \$ 4384 CCC \$ 1,308,682 ( Rick w/ Premier / CR)

- 8/15/06 MORU service unit, rig up pump and tank and pump 20 bbls down tbg and put csg to sales. NDWH and NU BOP, rig up floor and tbg equip and POOH w/ tbg. POOH w/ 300 jts and shut down for day. Leave csg flowing to sales for night. (Rick w/ Premier / CR) DC \$ 6109 CCC \$ 1,314,791
- 8/16/06 Well flowing up casing this AM @ 400 psi. Open up well and POOH w/ 3 jts, found slick line and tools. Cut and strip 1300' of slick line out of pipe. Pump 20 bbls down csg and finish POOH w/ tbg. Found bumper spring 17 jts off bottom. POBS and bottom jt completely scaled shut, had to lay down bottom 18 jts due to scale build up on inside of pipe. Pick up 3 3/4 mill and bit sub and RIH w/ 359 jts tbg tallying. Tag up @ 11,399'. Rig up swivel and shut down for day. Leave well flowing to sales overnight. (Rick w/ Premier / CR ) DC \$ 6848 CCC \$ 1,321,639
- 8/17/06 Well flowing this AM @ 300 / 300 psi. Rig up Maverick nitrogen unit and break circ. Drill down from 11,399' - 11,497' and fall through. RIH w/ 46 jts to PBD @ 12,960' and circ bottoms up. Rig down Maverick and POOH w/ 232 jts. Leave csg flowing to sales and shut down for night. (Rick w/ Premier / CR) DC \$ 21,467 CCC \$ 2,664,745
- 8/18/06 Well flowing this AM @ 300 psi. Bleed off well and finish POOH w/ 177 jts and BHA. Pick up 2 3/8 notched collar, X-Nipple and RIH w/ 400 jts tbg. Broach tbg and land well @ 12,651 w/ 400 jts. ND BOP and NUWH, rig up swab and start swabbing. IFL 4800', recover 5 bbls and shut down for day. (Rick w. Premier / CR) DC \$ 7295 CCC \$ 2,672,040
- 8/19/06 Open well up this AM and start swabbing. IFL 4300'. Make 6 runs and recover 36 bbls when rig crew run into top of lubricator dropping swab equipment down hole. Restrung sand line over crown and try to flow bars out of hole with no success. Pump 25 bbls down tbg and ND WH and NU BOP. Start out of hole w/ tbg and shut down for day. (Rick w/ Premier / CR) DC \$ 2811 CCC \$ 2,674,851
- 8/22/06 Finish POOH w/ tbg and remove swab tool's 7 jts above X-nipple. RIH w/ tbg and land well @ 12,651' w/ 400 jts. Broach tbg and ND BOP and NUWH. Well started flowing put well down sales and SDFD. (Rick w/ Premier / CR) DC \$ 0.00 CCC \$ 2,674,851
- 8/23/06 Open well up and rig up swab. Make 13 runs and recover 45 bbls well started flowing. Unload well to production tank and turn down line @ 4:00 pm. RDMO service unit. (Rick w/ Premier / CR) DC \$ 4700 CCC \$ 2,679,551 (Final report)
- 12/14/07 MIRU R&B slickline unit. Run wireline, Fd SN @ 12,633, Ran in W/ Broach to broach out tight spot @ 40'.

Update late costs: DC 95 CCC \$ 2,679,646

8/30/06 Update costs: DC 1911 CCC \$ 2,681,557

8/31/06 Update cost DC 5154 CCC \$ 2,866,711

4/23/07 Update late costs. DC 10070 CC \$ 2,876,781

5/9/07 Update cost DC \$ 6300 CC \$ 2,883,081

5/14/07 Update late cost DC \$280 CC \$ 2,883,361

### **Run CVR tbg**

01-02-08 MIRU Wildcat rig 1. Lay pump lines. Pumped 40 bbls. down tbg. N.D. W.H. N.U. BOP'S. BOP'S pump not working. (leaking diesel fuel out line) Manually pump up BOP'S. P.U. on tbg. Tbg. Not stuck. Land tbg. Back into W.H. & Leave csg. to sales. S.D.F.N. (Rick) CVR DC \$7,350 CVR CC \$7350

1/4/08 Pump 35 bbls dn tbg. POOH w/96 jnts tbg. Well kicked, pump 30 bbls dn tbg. POOH 96 jnts. Well kicked, pump 25 bbls dn tbg. POOH 40 jnts tbg. Well kicked, Blow well dn to tank for 30 min. Pump 20 bbls dn tbg. POOH 88 jnts. Pump 10 bbls dn tbg and 50 bbls dn csg. POOH 80 jnts tbg. Leave to sales for night. SDFN.(Rick) CVR CC \$15,200 CC \$2,898,561

1/5/08 Pumped 50 bbls dn csg to kill. RIH w/ 3 3/4" Chomper bit + BS + 409 jnts 2 3/8" tbg. Tag PBTB @ 12,927'. POOH laying dn 48 jnts. Stand back 361 jnts. SDFN. (Rick) CVR CC \$23,270 CC \$2,921,831

1/6/08 Pump 50 bbls dn csg to kill well. Tally and RIH w/45 jnts 2 7/8" ST-L flush jnt tbg. Leave csg to sales. SDFD. (Rick) CVR CC \$28,235 CC \$2,950,066

01/07/08 R.U. Weatherford cap string. Pumped 10 bbls down tbg, 50 bbls. down csg. RIH w/ 1436' of cap string inside 2 7/8 ST-L tbg. R.I.H. W/ x-over, shear tool, injection mandrel, x-h perf sub, 141 jts. tbg. Well kicked. Pumped 50 bbls. down tbg. R.I.H. w/ 124 jts. tbg. S.D.F.N. (Rick) DC 6700 CVR CC 34935

1/8/08 Pump 20 bbls dn tbg, 40 bbls dn csg. Finish RIH w/ 96 jnts tbg. Pumped thru entire cap string (ok). Land tbg. EOT 2 3/8" @ 11,411'. EOT 2 7/8" 12,885'. RIH broach, tbg good. RIH swab. Make 3 runs, recover 6 bbls. IFL @ 7000', FFL @ 8500'. SDFN. CVR CC \$66,233

- 1/9/08 R.U. SWAB. Made 12 runs. Recovered 72 bbls. I.F.L. @ 7000'. E.F.L.@ 6200'. Well still not flowing. Leave tbg. to sales. S.D.F.N. (Rick) DC \$6555 CVR CC \$72,788
- 1/10/08 R.U. Swab. Made 5 runs. Well flowed for 1 hr. & died. Made 1 run. Well flowed for 1 hr. & died. Made 1 run. Well flowed for 30 min. Put to sales on 12/64 choke & S.D.F.N. Recovered 86 bbls. Today. 288 bbls. BLWTR (Rick) DC \$6800 CVR CC \$79,588
- 1/11/08 Blow down tbg. to prod. tank. R.U. Swab. Started in hole & well kicked. Flowed well to tank for 30 min. Recovered 11 bbls. Put to sales @ 730 MCF/DAY. Watched for 2 hrs. Well died down to 218 MCF/DAY but steady. R.D.S.U. & M.O. LOC. (Rick) DC \$9524 CVR CC \$89,112

**Final Report**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-043615
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> WILKIN RIDGE DEEP
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> WILKIN RIDGE FED 34-17-10-17
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013325600000
<b>3. ADDRESS OF OPERATOR:</b> 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	<b>PHONE NUMBER:</b> 303 483-0044 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0582 FSL 1921 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 17 Township: 10.0S Range: 17.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> EIGHT MILE FLAT  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

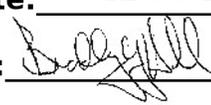
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/7/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Gasco would like to dispose of water at Integrated Water management, LLC state approved commercial disposal facility located in Section 30, 2 south Range 4 west in North Blue Bench UT. This facility would be used in addition to the currently approved disposal facilities that Gasco uses to dispose of water from this well.

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

Date: 12/30/2010

By: 

<b>NAME (PLEASE PRINT)</b> Roger Knight	<b>PHONE NUMBER</b> 303 996-1803	<b>TITLE</b> EHS Supervisor
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/29/2010

Effective Date: 4/16/2015

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Gasco Production Company N2575 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805	Badlands Production Company N4265 7979 E. Tufts Avenue, Suite 11500 Denver, CO 80237 303-996-1805
CA Number(s):	Unit(s): Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2015
- Sundry or legal documentation was received from the **NEW** operator on: 6/2/2015
- New operator Division of Corporations Business Number: 1454161-0143

**REVIEW:**

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 6/2/2015
- Receipt of Acceptance of Drilling Procedures for APD on: N/A
- Reports current for Production/Disposition & Sundries: 6/3/2015
- OPS/SI/TA well(s) reviewed for full cost bonding: 1/20/2016
- UIC5 on all disposal/injection/storage well(s) approved on: N/A
- Surface Facility(s) included in operator change: None
- Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: SUR0027842
- Indian well(s) covered by Bond Number: N/A
- State/fee well(s) covered by Bond Number(s): SUR0027845  
SUR0035619 -FCB

**DATA ENTRY:**

- Well(s) update in the **OGIS** on: 1/22/2016
- Entity Number(s) updated in **OGIS** on: 1/22/2016
- Unit(s) operator number update in **OGIS** on: 1/22/2016
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/22/2016
- Surface Facilities update in **RBDMS** on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- 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:**

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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

5. LEASE DESIGNATION AND SERIAL NUMBER:

**UTU-76482**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <b>4/16/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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*

Michael Decker, Exec. Vice President & COO

Badlands Production Company  
7979 E Tufts Ave, Suite 1150  
Denver CO 80237  
303-996-1805

*Michael Decker*

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*

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