



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

January 6, 2006

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

Re: Gasco Production Company  
Federal #21-19-9-19  
828' FNL and 2085' FWL  
NE NW Section 19, T9S - R19E  
Uintah County, Utah

Gentlemen:

Enclosed please find two copies of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with 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.

*Venessa Langmacher*

Venessa Langmacher  
Consultant for  
Gasco Production Company

Enc.

cc: Gasco Production Company - Englewood, CO  
Shawn Elworthy - Roosevelt, UT

RECEIVED

JAN 10 2006

DIV. OF OIL, GAS & MINING

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO.: <b>UTU-76033</b>	6. SURFACE: <b>BLM</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
2. NAME OF OPERATOR: <b>Gasco Production Company</b>		9. WELL NAME and NUMBER: <b>Federal #21-19-9-19</b>	
3. ADDRESS OF OPERATOR: <b>8 Inverness Drive East, Suite 100, Englewood, CO 80112</b>		PHONE NUMBER: <b>303-483-0044</b>	10. FIELD AND POOL, OR WILDCAT: <b>Riverbend <i>Paria to Bench</i></b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>828' FNL and 2085' FWL</b> AT PROPOSED PRODUCING ZONE: <b>NE NW 4430583y 709.824430</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Sec. 19, T9S-R19E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 26.8 miles southeast of Myton, UT</b>		12. COUNTY: <b>Uintah</b>	13. STATE: <b>Utah</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>828'</b>	16. NUMBER OF ACRES IN LEASE: <b>600</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres; NE NW</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>Approx. 3000'</b>	19. PROPOSED DEPTH: <b>13,088'</b>	20. BOND DESCRIPTION: <b>Bond #UT-1233</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4852' GL</b>	22. APPROXIMATE DATE WORK WILL START: <b>ASAP</b>	23. ESTIMATED DURATION: <b>35 Days</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", H40, 48#	225'	225 sx Premium Type 5, 15.6 ppg, 1.18 yield
12-1/4"	8-5/8", J-55, 32#	3,568'	599 sx Hi-Lift, 11 ppg, 3.91 yield & 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield
7-7/8"	4-1/2", P110, 13.5#	13,088'	366 sx Hi-Lift, 11.5 ppg, 3.05 yield & 1766 sx 50-50 Poz, 14.1 ppg, 1.28 yield
<b>CONFIDENTIAL-TIGHT HOLE</b>			

**ATTACHMENTS**

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PROGRAM                                |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

AGENT: **PermitCo Inc.**

AGENT'S PHONE NO.: **303-857-9999**

NAME (PLEASE PRINT) **Venessa Langmacher**

TITLE **Agent for Gasco Production Company**

SIGNATURE *Venessa Langmacher*

DATE **January 6, 2006**

(This space for State use only)

API NUMBER ASSIGNED: **43-047-37621**

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

Date: *01-17-06*  
By: *[Signature]*

(See back of this form for Reverse Side)

**RECEIVED  
JAN 10 2006**

DIV. OF OIL, GAS & MINING

R  
18  
E

Brass Cap, 0.4'  
High

N89°54'23"W - 2635.05' (Meas.)

T9S, R19E, S.L.B.&M.

1910 Brass Cap,  
0.4' High, N-S  
Fenceline

N89°55'10"W - 2643.75' (Meas.)

1910 Brass Cap,  
1.0' High

FEDERAL #21-19-9-19

Elev. Ungraded Ground = 4852'

2085'

828'

S00°01'19"W - 5282.91' (Meas.)

19

1910 Brass Cap,  
1.2' High, N-S  
Fenceline

S00°02'09"W - 2639.91' (Meas.)

N00°01'E - 2640.09' (G.L.O.)

Brass Cap, 1.5'  
High, Pile  
of Stones

N89°57'E - 5276.04' (G.L.O.)

### GASCO PRODUCTION COMPANY

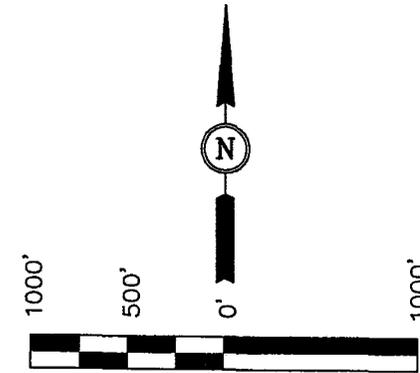
Well location, FEDERAL #21-19-9-19, located as shown in the NE 1/4 NW 1/4 of Section 19, T9S, R19E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 21, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4711 FEET.

#### BASIS OF BEARINGS

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



SCALE

#### 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.

*John L. Gray*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

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

#### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
LATITUDE = 40°01'16.99" (40.021386)  
LONGITUDE = 109°49'30.54" (109.825150)  
(AUTONOMOUS NAD 27)  
LATITUDE = 40°01'17.12" (40.021422)  
LONGITUDE = 109°49'28.02" (109.824450)

SCALE 1" = 1000'	DATE SURVEYED: 06-24-05	DATE DRAWN: 06-30-05
PARTY J.W. C.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GASCO PRODUCTION COMPANY	

# APPLICATION FOR PERMIT TO DRILL OR REENTER

## 24. Attachments

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

1. Well plat certified by a registered surveyor.  
**Attached.**
2. A Drilling Plan  
**Attached.**
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.  
**See Surface Use Plan Attached.**
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20).  
**Bond coverage for this well is provided by Gasco Production Company under their BLM Bond No. Bond #UT-1233.**
5. Operator certification.  
**Please be advised that Gasco Production Company is considered to be the operator of the above mentioned well. Gasco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.**
6. Such other site specific information and/or plans as may be required by the authorized officer.

ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #21-19-9-19**  
828' FNL and 2085' FWL  
NE NW Section 19, T9S - R19E  
Uintah County, Utah

**CONFIDENTIAL - TIGHT HOLE**

Lease No. UTU-76033

**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>
Uinta	Surface	+4,868'
Wasatch	5598'	-730'
Mesaverde	9,438'	-4,570'
Castlegate	11,928'	-7,060'
Blackhawk	12,168'	-7,300'
Spring Canyon	12,888'	-8,020'
T.D.	13,088'	-8,220'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,900'-9,438'
Gas	Mesaverde	9,438'-11,928'
Gas	Blackhawk	12,168'-13,000'



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

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

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

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

As a minimum, the above test shall be performed:

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

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

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

Annular preventers shall be functionally operated at least weekly.



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

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

Pressure tests shall apply to all related well control equipment.

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

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

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

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.



4. **PROPOSED CASING AND CEMENTING PROGRAM:**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.



Gasco Production Company

Lease No. UTU-76033

**Federal #21-19-9-19**

**DRILLING PROGRAM**

828' FNL and 2085' FWL

NE NW Section 19, T9S - R19E

Uintah County, Utah

Page 5

- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Conductor	0-225'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3,568'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-13,088'	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>Conductor</b>	<b>Type and Amount</b>
Surface	225 sx Premium Type 5 mixed @ 15.6 ppg, 1.18 yield
<b>Surface</b>	<b>Type and Amount</b>
TOC @ Surface	Lead: 599 sx Hi-Lift @ 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC @ 14.2 ppg, 1.63 yield
<b>Production</b>	<b>Type and Amount</b>
TOC @ 2,500'	Lead: 366 sx Hi-Lite @ 11.5 ppg, 3.05 yield Tail: 1766 sx 50:50 Poz @ 14.1 ppg, 1.28 yield

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
    - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.



s. Auxiliary equipment to be used is as follows:

1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

**5. MUD PROGRAM**

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

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>PH</i>
1' - 225'	Fresh Water	8.33	1	---	7
225' - 3,568'	Fresh Water	8.33	1	---	7-8
3,568' - 13,088'	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 Schlumberger Platform Express (or equivalent) to be run from base of surface casing to TD.
- 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 Blackhawk, Mesaverde and Wasatch zones present in wellbore. Produce all zones commingled.
- 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 7885 psi. The maximum bottom hole temperature anticipated is 238 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal pressures will be controlled with mud weight and 5000# BOP and rotating head.

**8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS**

- a. Drilling is planned to commence on upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 35 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.



- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).

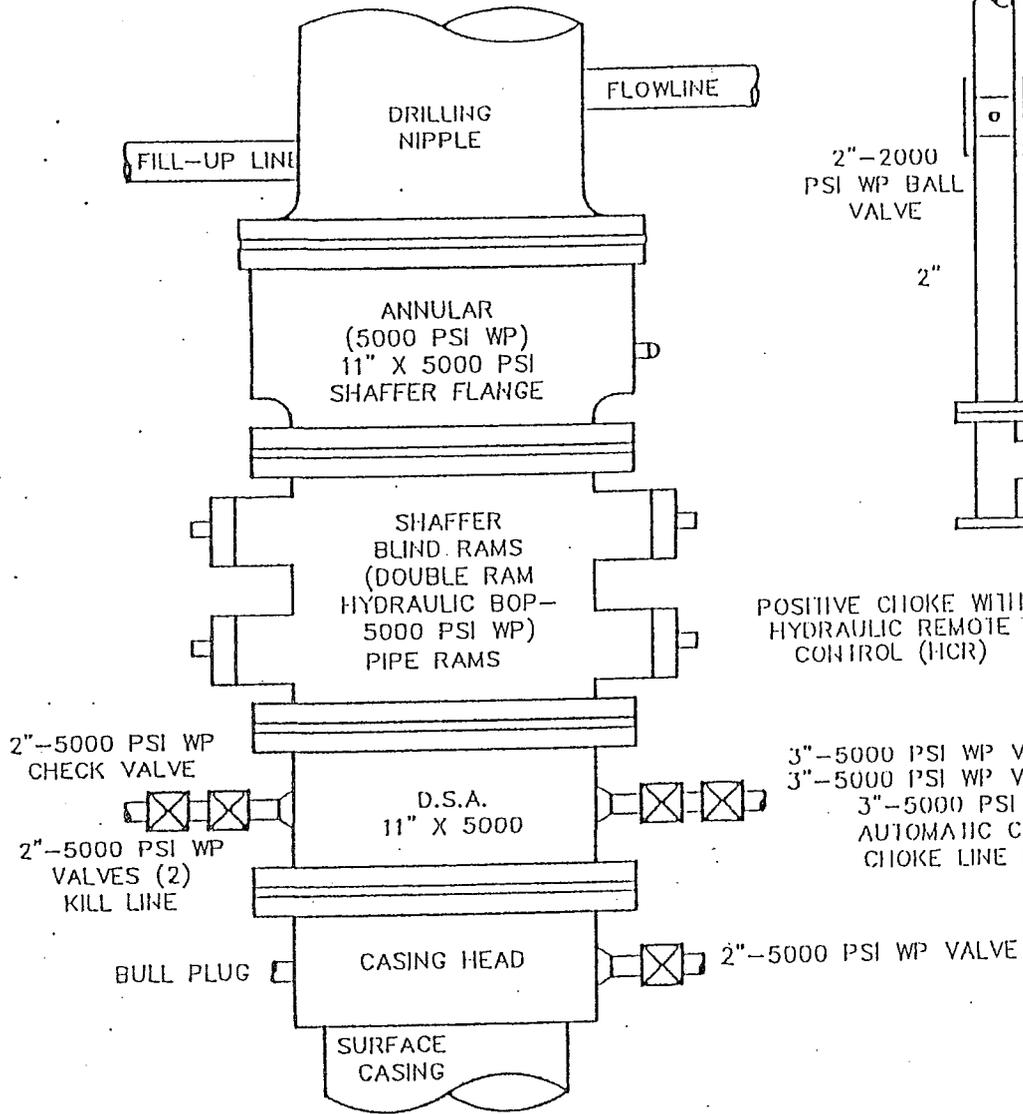


- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

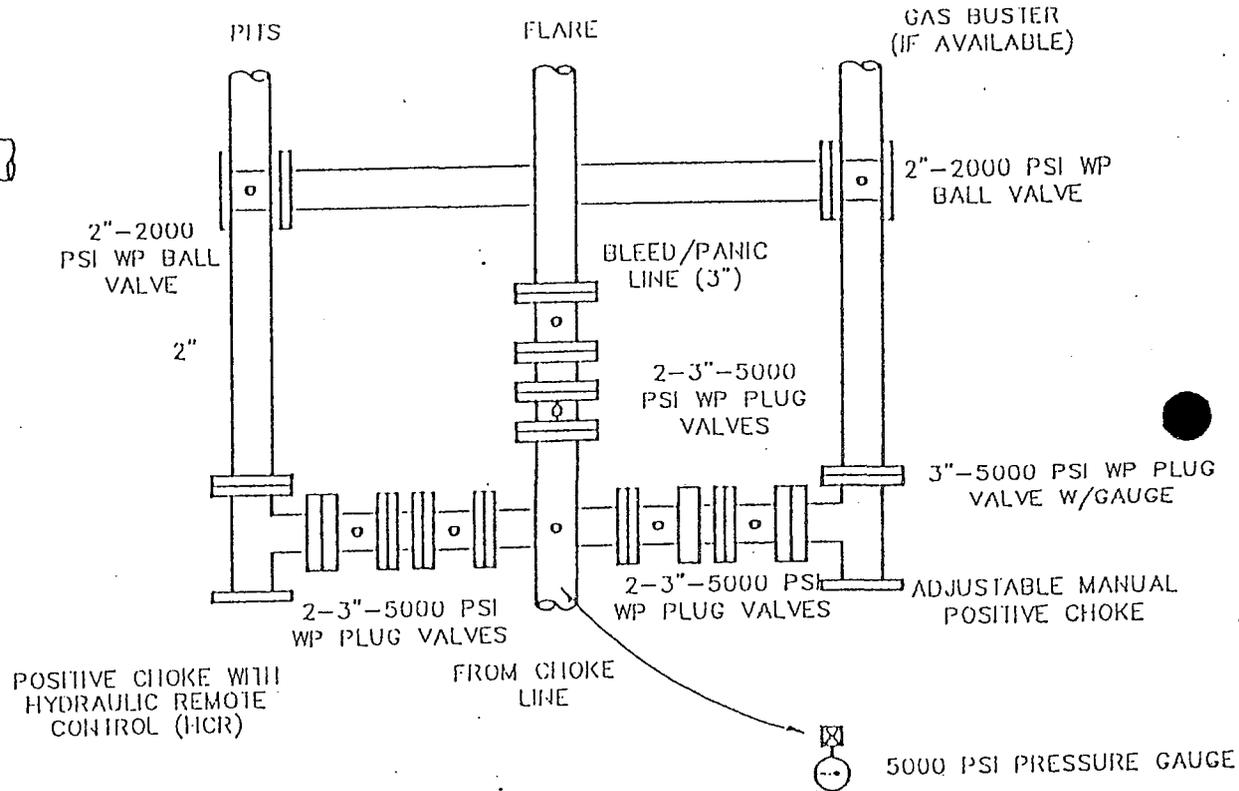
Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400		Fax: 435/781-4410
After Hours:		
Matt Baker	Petroleum Engineer	435/828-4470
Michael Lee	Petroleum Engineer	435/828-7875



BOP SCHEMATIC  
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKING MANIFOLD



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

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

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

The onsite inspection for the subject well site was conducted on Thursday, August, 2005 at approximately 11:30 p.m. Weather conditions were warm, clear and sunny. In attendance at the onsite inspection were the following individuals:

Karl Wright	Natural Resource Specialist	Bureau of Land Management
Amy Torres	Wildlife Biologist	Bureau of Land Management
Lisa Smith	Permitting Agent	Permitco Inc.
Venessa Langmacher	Permitting Agent	Permitco Inc.
Shawn Elworthy	Production Superintendent	Gasco Production Company
John Floyd	Civil Engineer	Uintah Engineering and Land Surveying

**1. EXISTING ROADS**

- a. The proposed well site is located approximately 26.8 miles southeast of Myton, Utah.



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

Proceed southwesterly on Highway 40 for 1.5 miles. Turn left and proceed southeasterly for approximately 11 miles to the Castle Peak Mine. Turn left and proceed east for approximately 6.7 miles on the 8 mile flat road. Stay right and proceed southeasterly approximately 6.1 miles until reaching a fork in the road. Turn right and proceed southwesterly 1.5 miles. Turn left onto the proposed access and proceed southeasterly 110' until reaching 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. Approximately 110 feet of new construction will be necessary.
- b. The maximum grade of the new construction will be approximately 1%.
- c. No culverts will be necessary.
- d. The last 110 feet of new access road was centerline flagged at the time of staking.
- e. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- f. No cattle guards will be necessary.
- g. 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.



- h. 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).
- i. 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.
- j. 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.
- k. No road right of way will be necessary.

**3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.**  
(See Map "C")

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - one
- d. Drilling wells - none
- e. Shut-in wells - none



- f. Temporarily abandoned wells - none
- g. Disposal wells -none
- h. Abandoned wells - five
- 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. If the well is productive, a production facility layout will be submitted via sundry.
- 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 separator. 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.

**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, permit #43-1721.
- 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 side of the location.
- c. A diversion ditch will be constructed along the east side of the pad.
- d. The flare pit will be located on the northwest side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.
- e. The stockpiled topsoil (first six inches) will be stored on the northeast side of the location, between Corners 2 and 8 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.
- f. Access to the well pad will be from the north as shown on the Pit & Pad Layout.
- g. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- h. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- i. 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.



Gasco Production Company

**Federal #21-19-9-19****Lease No. UTU-76033**

828' FNL and 2085' FWL

NE NW Section 19, T9S - R19E

**SURFACE USE PLAN**

Uintah County, Utah

Page 8

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.
- j. 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. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.



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.
- g. The following seed mixture has been recommended by the BLM.

<i>Species</i>	<i>#/s per Acre</i>
Shadscale	3
Gardner	3
Crested Wheatgrass	3
Indian Ricegrass	3
TOTAL	12

Dry Hole

- h. 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.

Interim Surface Reclamation will be as follows:

1. Immediately after final well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production operations.
2. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in the reserve pit will be removed. Other waste and spoil materials will be disposed of immediately, weather permitting, upon final well completion.
3. If a synthetic, nylon re-enforced, liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep.



4. The reserve pit will be reclaimed within 180 days from the date of final well completion, weather permitting.
5. The reserve pit and that portion of the location not needed for production and storage facilities, and everyday production operations, will be reshaped to the approximate original contours to the extent possible. This will be completed by backfilling and crowning the pit to prevent water from standing. Topsoil will be re-spread up to the rig anchor points, excluding the area needed for production and storage facilities and everyday production operations. Re-seeding, using appropriate reclamation methods, will occur immediately following the re-spreading of topsoil, weather permitting. The Authorized Officer will provide a seed mixture to re-vegetate the reserve pit and other unused disturbed areas at the time of the onsite.

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 and paleontological report has been conducted by SWCA. No significant cultural resources were found and clearance is recommended. A copy of this report is on file with the BLM.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

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

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



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

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- g. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- h. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.



- i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- j. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- k. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

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

Permit Matters

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

Drilling & Completion Matters

**Gasco Production Company**  
8 Inverness Drive East, Suite 100  
Englewood, CO 80112  
John Longwell  
303/483-0044 (O)  
303/ 483-0011(F)

Shawn Elworthy - Field Superintendent  
Roosevelt, UT  
435-823-4272 (cell)

**CERTIFICATION**

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

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

September 8, 2005  
Date: \_\_\_\_\_

*Venessa Langmacher*  
\_\_\_\_\_  
Venessa Langmacher - PERMITCO INC.  
Authorized Agent for:  
Gasco Production Company



PIPELINE INFORMATION  
*Federal #21-19-9-19*

1. The type of pipeline is a single well flow line.
2. The outside diameter (O.D.) of all will be 8 inches maximum.
3. The anticipated production through the line is approximately 2000 MCF per day.
4. The anticipated maximum test pressure is 1000 psi.
5. The anticipated operating pressure is 100-200 psi.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. The pipeline will be buried 2-5 feet deep.
9. The method of entrenchment will be with a trenching machine.
10. The depth of cover will be 2-5 feet.
11. There are no other pipelines to be associated in same right of way.
12. There will be other objects to be associated in the same right of way. (Risers, Pig Launchers Pig Traps, meters and other appurtenances as required.)
13. The total length of pipeline is approximately 5,365' feet - see Map D
14. The line will be buried as shown on Map D. Where possible, the pipeline will follow existing or proposed roads.
15. The construction width for total surface disturbing activities is 30 feet.
16. The estimated total acreage involving all surface disturbing activities is 3.7 acres.
17. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.
18. The line will be tested with gas pressure to 1000 psi.

**FEDERAL STIPULATIONS AND TIMING RESTRICTIONS**

*There are no federal stipulations at this time.*

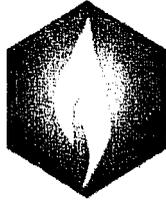


### *Archeology*

A Class III Archeological Survey has been conducted by SWCA. No significant cultural resources found and clearance has been recommended. A copy of this report is on file with the BLM.



GASCO  
Energy Inc



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

Attn: Minerals

Re: All wells  
Uintah County, Utah

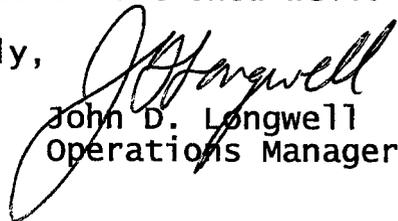
Gentlemen:

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

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

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

Sincerely,

  
John D. Longwell  
Operations Manager

# GASCO PRODUCTION COMPANY

FEDERAL #21-19-9-19

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 19, T9S, R19E, S.L.B.&M.

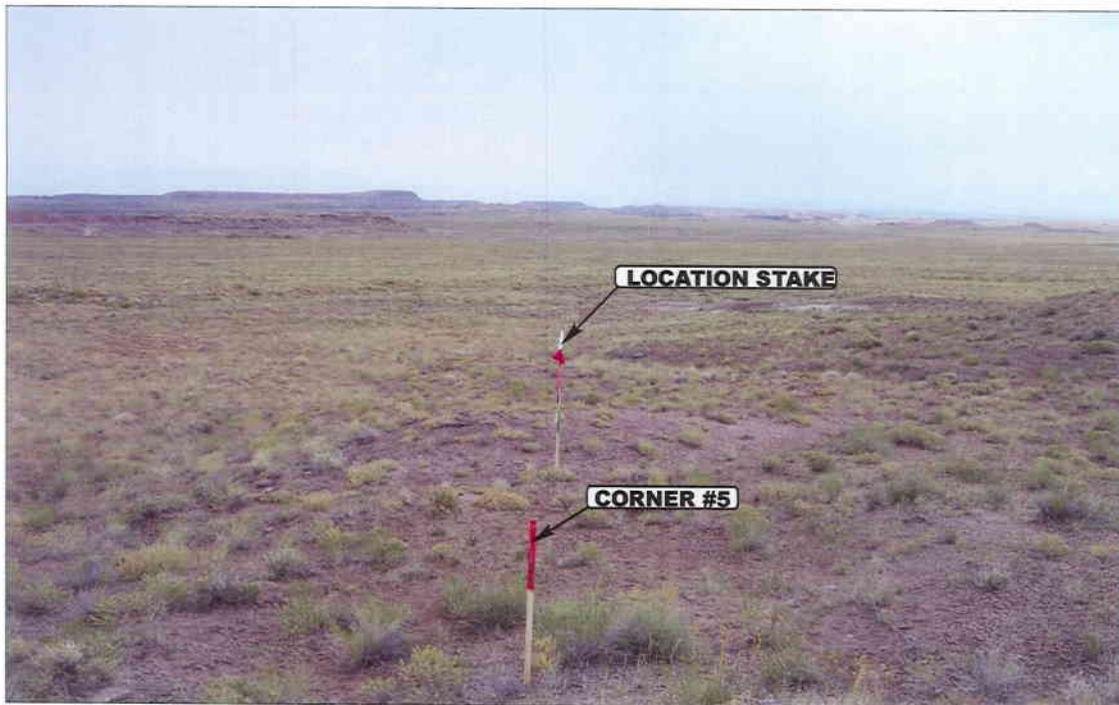


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



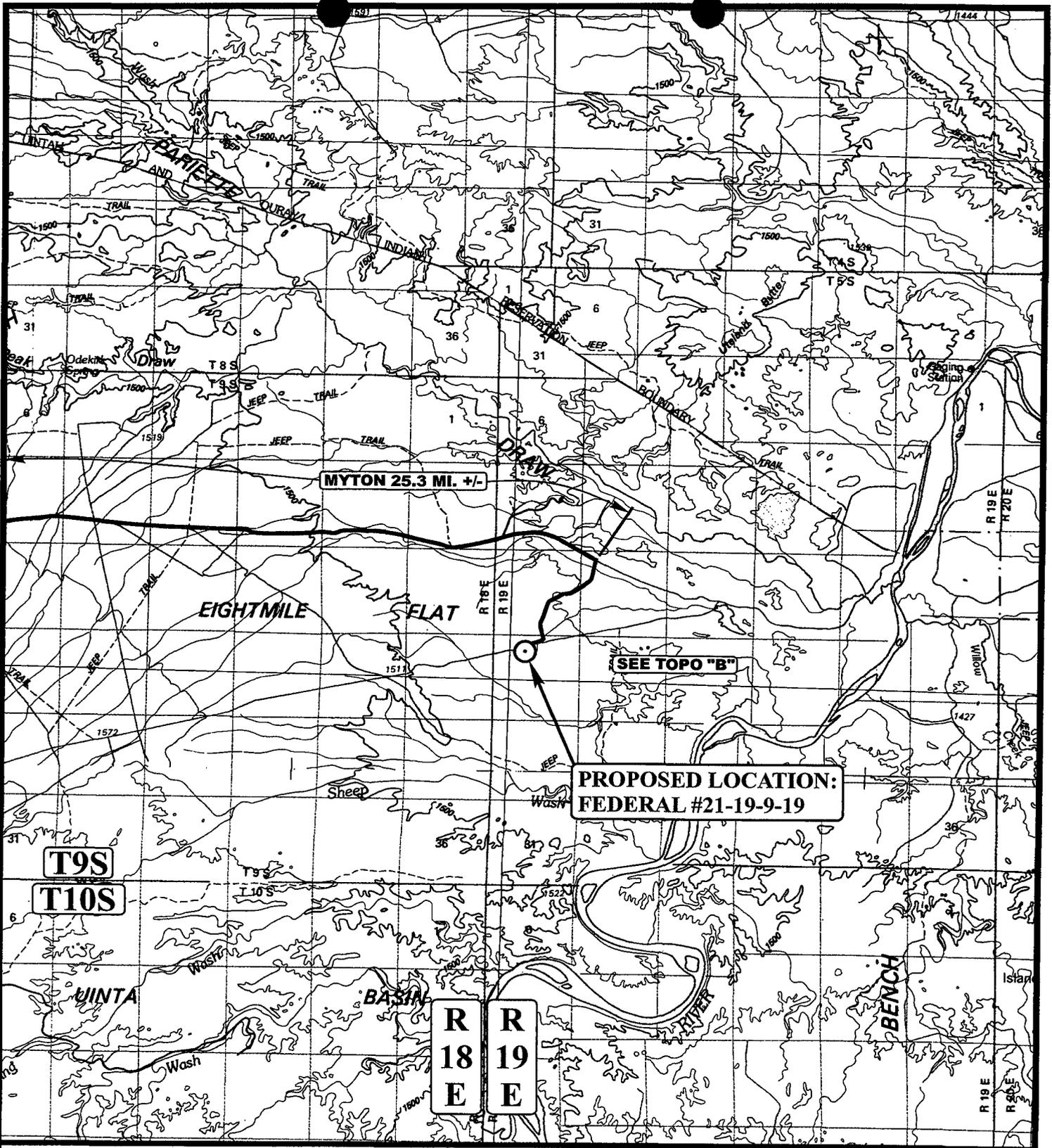
**U** **E** **L** **S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

06 29 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: J.W. | DRAWN BY: C.P. | REVISED: 00-00-00



**LEGEND:**

○ PROPOSED LOCATION

N



**GASCO PRODUCTION COMPANY**

FEDERAL #21-19-9-19  
SECTION 19, T9S, R19E, S.L.B.&M.  
828' FNL 2085' FWL



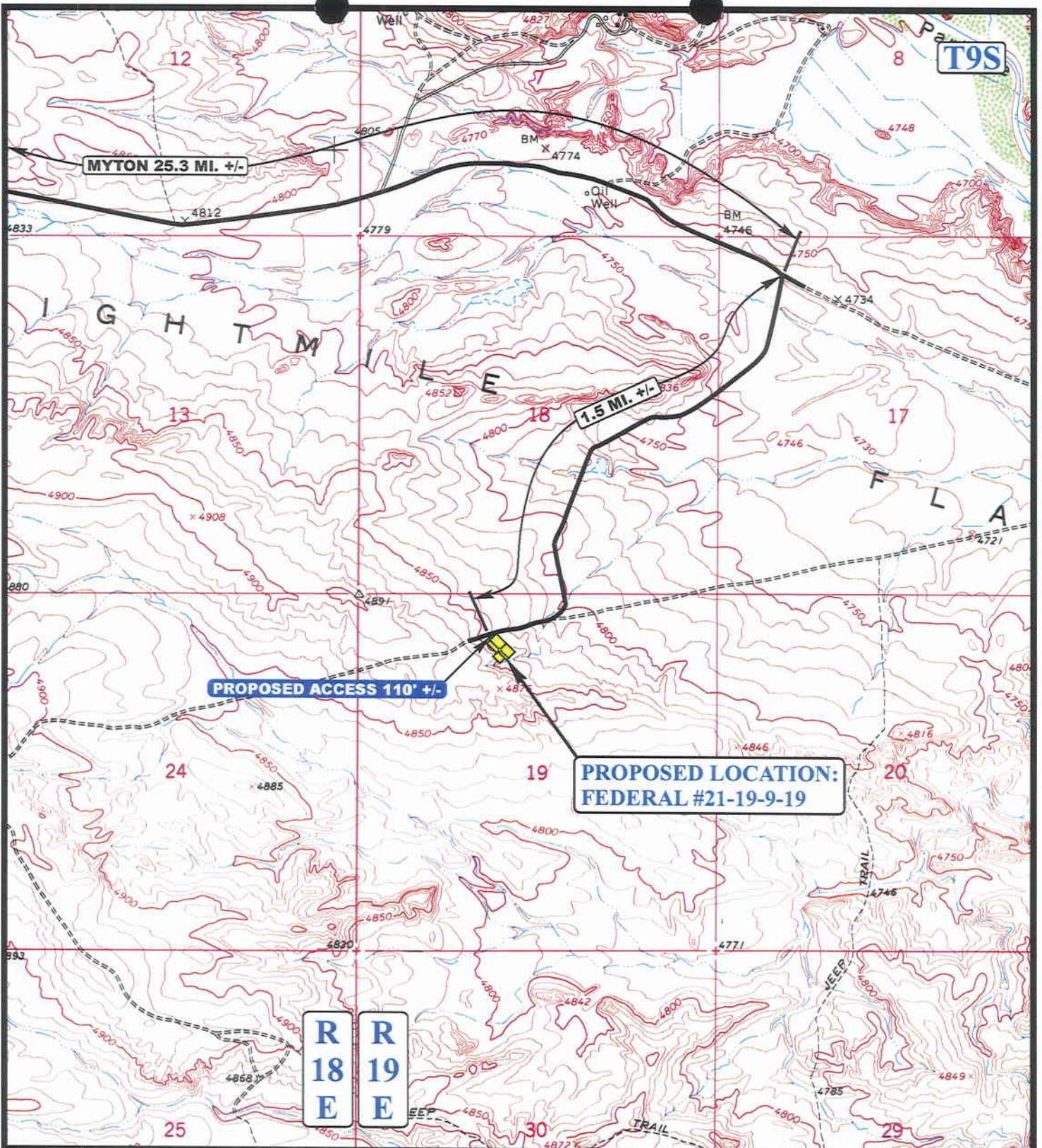
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

06	29	05
MONTH	DAY	YEAR

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





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

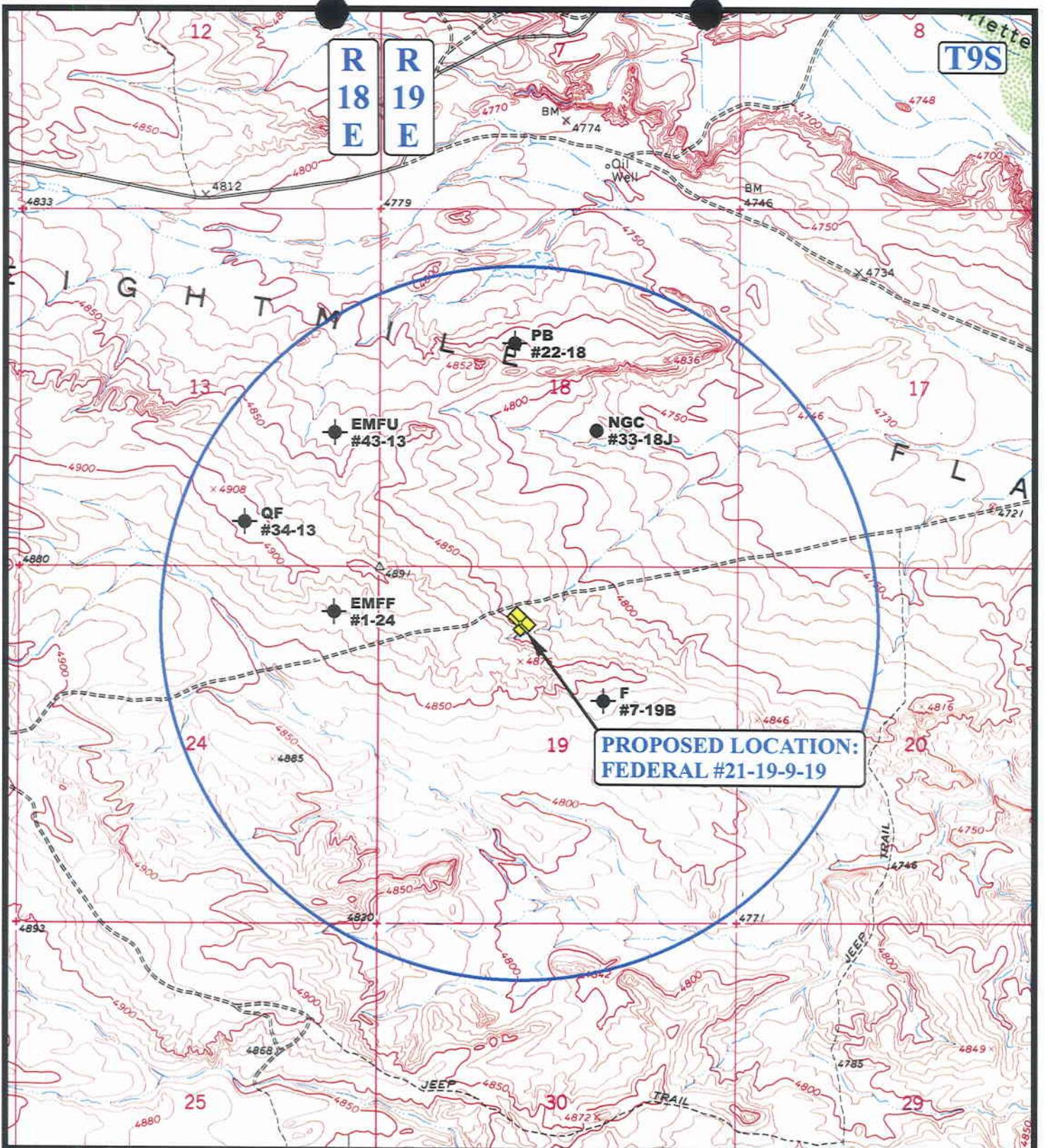


**GASCO PRODUCTION COMPANY**

**FEDERAL #21-19-9-19**  
**SECTION 19, T9S, R19E, S.L.B.&M.**  
**828' FNL 2085' FWL**

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

**TOPOGRAPHIC MAP** 06 29 05  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **B TOPO**



**LEGEND:**

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

**GASCO PRODUCTION COMPANY**

**FEDERAL #21-19-9-19**  
**SECTION 19, T9S, R19E, S.L.B.&M.**  
**828' FNL 2085' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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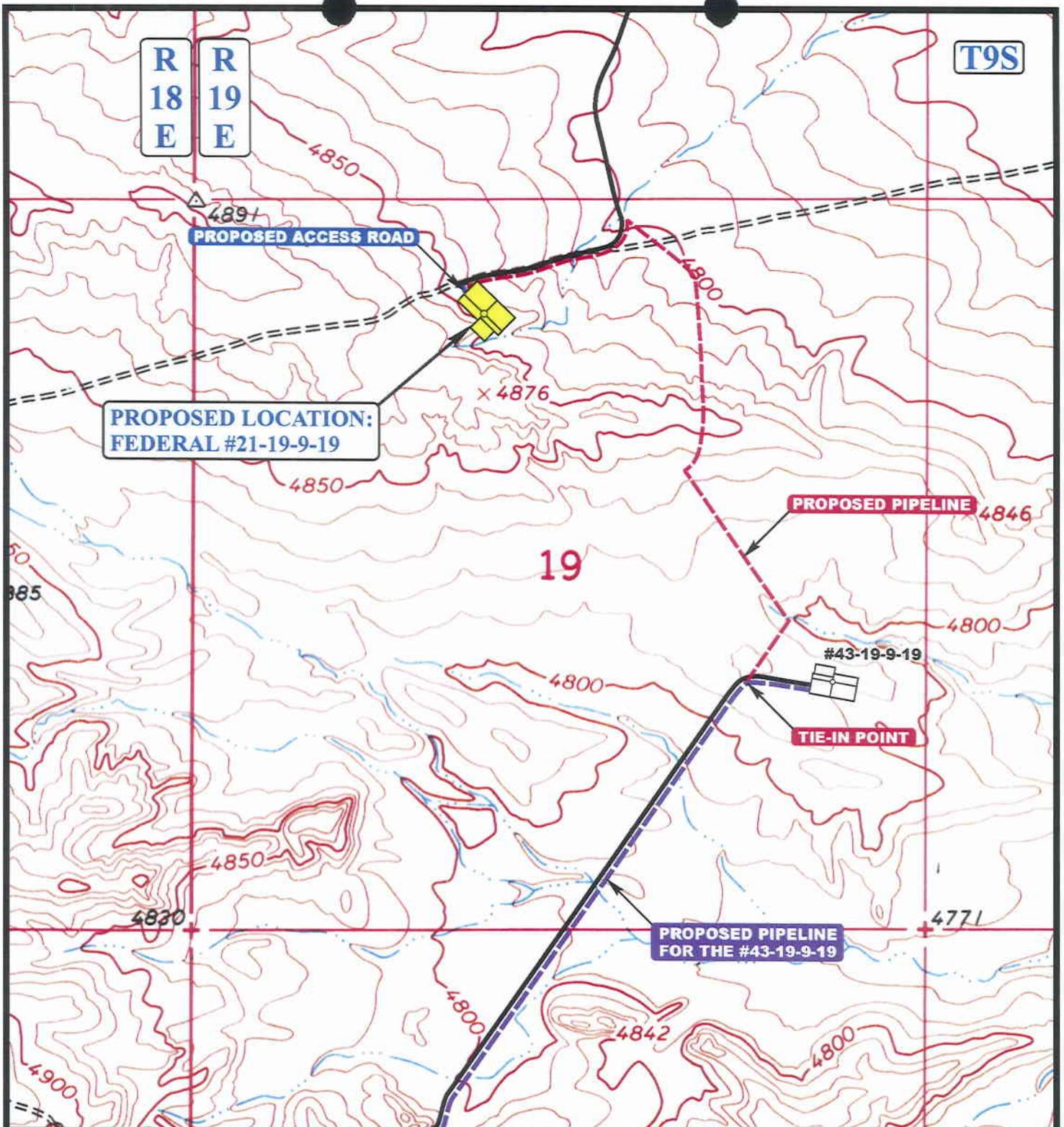


**TOPOGRAPHIC**  
**MAP**

<b>06</b>	<b>29</b>	<b>05</b>
MONTH	DAY	YEAR



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



APPROXIMATE TOTAL PIPELINE DISTANCE = 5,365' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)

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



**GASCO PRODUCTION COMPANY**

**FEDERAL #21-19-9-19**  
**SECTION 19, T9S, R19E, S.L.B.&M.**  
**828' FNL 2085' FWL**

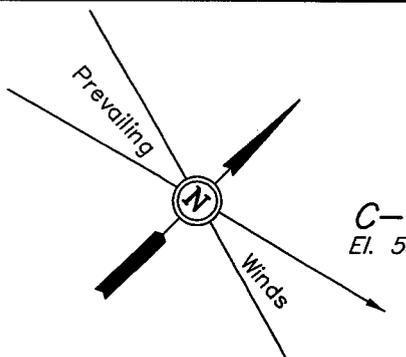
**TOPOGRAPHIC MAP** 06 29 05  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00 **D TOPO**

# GASCO PRODUCTION COMPANY

## LOCATION LAYOUT FOR

FEDERAL #21-19-9-19  
SECTION 19, T9S, R19E, S.L.B.&M.

828' FNL 2085' FWL



SCALE: 1" = 50'  
DATE: 06-30-05  
Drawn By: L.K.

C-3.8'  
El. 53.8'

F-9.4'  
El. 40.6'

Proposed Access Road

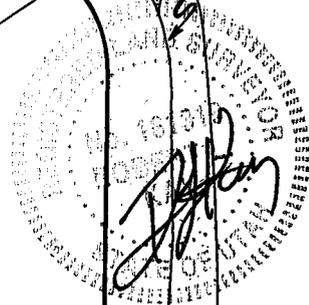
Approx. Toe of Fill Slope

Approx. Top of Cut Slope

Sta. 3+80

F-1.5'  
El. 48.5'

Round Corners as Needed



Reserve Pit Backfill & Spoils Stockpile

FLARE PIT

C-7.8'  
El. 57.8'

C-4.9'  
El. 54.9'

C-2.0'  
El. 52.0'

El. 68.1'  
C-26.1'  
(btm. pit)

20' WIDE BENCH

DOG HOUSE

Sta. 1+80

F-9.5'  
El. 40.5'

Total Pit Capacity  
W/2' of Freeboard  
= 10,750 Bbls. ±  
Total Pit Volume  
= 3,120 Cu. Yds.

10' WIDE BENCH

145'

RESERVE PITS  
(8' Deep)

MUD TANKS

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRAILER

TOILET

FUEL

STORAGE TANK

El. 52.9'  
C-10.9'  
(btm. pit)

20' WIDE BENCH

C-0.7'  
El. 50.7'

F-2.9'  
El. 47.1'

Sta. 0+00

Reserve Pit Backfill & Spoils Stockpile

F-3.4'  
El. 46.6'

Existing Drainage

CONSTRUCT DIVERSION DITCH

F-6.9'  
El. 43.1'

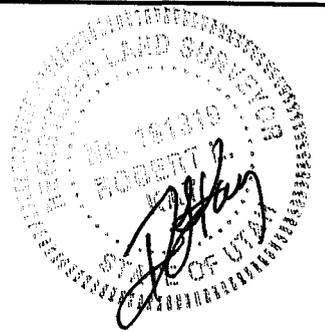
Elev. Ungraded Ground at Location Stake = 4852.0'  
Elev. Graded Ground at Location Stake = 4850.0'

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

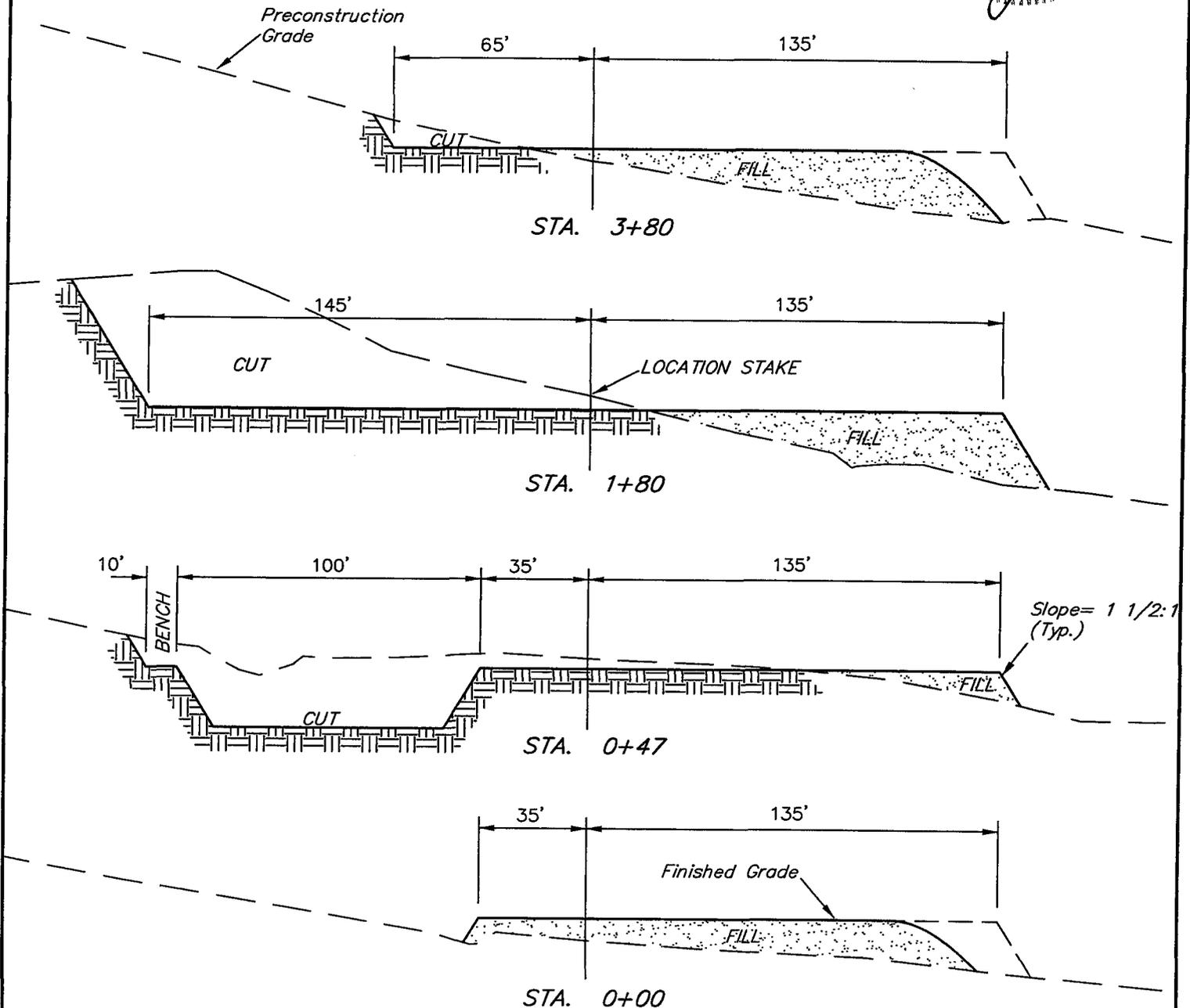
# GASCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

FEDERAL #21-19-9-19  
SECTION 19, T9S, R19E, S.L.B.&M.  
828' FNL 2085' FWL



1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 06-30-05  
Drawn By: L.K.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

<p><b>CUT</b></p> <p>(6") Topsoil Stripping = 2,000 Cu. Yds.</p> <p>Remaining Location = 11,400 Cu. Yds.</p> <p><b>TOTAL CUT = 13,400 CU.YDS.</b></p> <p><b>FILL = 9,720 CU.YDS.</b></p>	<p><b>EXCESS MATERIAL = 3,680 Cu. Yds.</b></p> <p>Topsoil &amp; Pit Backfill (1/2 Pit Vol.) = 3,560 Cu. Yds.</p> <p><b>EXCESS UNBALANCE = 120 Cu. Yds.</b> (After Rehabilitation)</p>
--	---

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/10/2006

API NO. ASSIGNED: 43-047-37621

WELL NAME: FEDERAL 21-19-9-19  
 OPERATOR: GASCO PRODUCTION ( N2575 )  
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

NENW 19 090S 190E  
 SURFACE: 0828 FNL 2085 FWL  
 BOTTOM: 0828 FNL 2085 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.02139 LONGITUDE: -109.8244  
 UTM SURF EASTINGS: 600319 NORTHINGS: 4430583  
 FIELD NAME: PARIETTE BENCH ( 640 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-76033  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: BLKHK  
 COALBED METHANE WELL? NO

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. 43-1721 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.  
Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

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

STIPULATIONS: 1- Federal Approval

2- Spacing Strip



OPERATOR: GASCO PROD CO (N2575)

SEC: 18,19,30 T. 9S R. 19E

FIELD: PARIETTE BENCH (640)

COUNTY: UINTAH

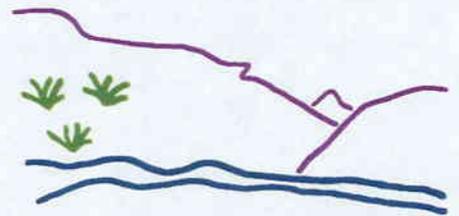
SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

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

**Wells 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
- ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 17-JANUARY-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 17, 2006

Gasco Production Company  
8 Inverness Drive East, Suite 100  
Englewood, CO 80112

Re: Federal 21-19-9-19 Well, 828' FNL, 2085' FWL, NE NW, Sec. 19, T. 9 South,  
R. 19 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37621.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Gasco Production Company  
**Well Name & Number** Federal 21-19-9-19  
**API Number:** 43-047-37621  
**Lease:** UTU-76033

**Location:** NE NW                      Sec. 19                      T. 9 South                      R. 19 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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



CONFIDENTIAL

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

RECEIVED  
NOV 03 2006  
DIV. OF OIL, GAS & MINING

Attn: Carol Daniels

October 27, 2006

Dear Ms Daniels:

Gasco Production Company will soon be drilling the Federal 21-19-9-19, NENW 19-9S-19E, Uintah County, Utah. The API Number for this well is 43-047-37621.

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

Yours truly,

A handwritten signature in cursive script that reads "Robin Dean".

Robin Dean  
Geological Manager  
Gasco Energy, Inc.

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

CONFIDENTIAL

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> 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		6. Lease Designation and Serial Number <b>UTU-76033</b>
		7. Indian Allottee or Tribe Name <b>N/A</b>
		8. Unit or Communitization Agreement <b>N/A</b>
		9. Well Name and Number <b>Federal #21-19-9-19</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number <b>43-047-37621</b>
2. Name of Operator <b>Gasco Production Company</b>		11. Field and Pool, or Wildcat <b>Riverbend</b>
3. Address of Operator <b>8 Inverness Drive East, Suite 100, Englewood, CO 80112</b>	4. Telephone Number <b>303/483-0044</b>	
5. Location of Well Footage : <b>828' FNL and 2085' FWL</b> County : <b>Uintah</b> QQ, Sec, T., R., M. : <b>NE NW Section 19, T9S - R19E</b> State : <b>Utah</b>		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Request 1 year extension of APD</u>	

Approximate Date Work Will Start \_\_\_\_\_

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

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

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: 12-21-06  
By: [Signature]

12-22-06  
Rm

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

Name & Signature Vereesa Rangmasher Title Consultant for Gasco Production Company Date 12/19/06

(State Use Only)

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

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

**API:** 43-047-37621

**Well Name:** Federal #21-19-9-19

**Location:** NE NW Section 19, T9S - R19E

**Company Permit Issued to:** Gasco Production Company

**Date Original Permit Issued:** 1/17/2006

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.

December 19, 2006  
Date

Title: Consultant for Gasco Production Company

**RECEIVED**  
**DEC 21 2006**  
DIV. OF OIL, GAS & MINING

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

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)  
**828' FNL & 2085' FWL NE NW Section 19-T9S-R19E**

**CONFIDENTIAL**

5. Lease Serial No.  
**UTU-76033**

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

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

8. Well Name and No.  
**Federal 21-19-9-19**

9. API Well No.  
**43-047-37621**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<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 checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>Change conductor</u>
	<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.

*Our original permit stated that we would set 200' of 13-3/8" H-40 48# conductor pipe. Gasco Production Company would like to change this to 40' of 13-3/8" H-40 48# conductor pipe. The pipe would be cemented using 50 sx of Premium Type 5, 15.6 ppg, 1.18 yield.*

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: 5/29/07  
 By: [Signature]

Federal Approval of this  
Action is Necessary

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

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

Signature [Signature] Date **May 24, 2007**

**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.

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.

(Instructions on page 2)

COPY SENT TO OPERATOR  
 Date: 06/01/07  
 Initials: CHD

**RECEIVED**  
**MAY 24 2007**

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

5. Lease Serial No.	UTU-76033
6. If Indian, Allottee, or Tribe Name	NA
7. If Unit or CA, Agreement Name and/or No	NA
8. Well Name and No.	Federal 21-19-9-19
9. API Well No.	43-047-37621
10. Field and Pool, or Exploratory Area	Riverbend
11. County or Parish, State	Uintah County, Utah

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> 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) 828' FNL. & 2085' FWL. NE NW Section 19-T9S-R19E

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 checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Change conductor _____
	<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.

*Our original permit stated that we would set 200' of 13-3/8" H-40 48# conductor pipe. Gasco Production Company would like to change this to 40' of 13-3/8" H-40 48# conductor pipe. The pipe would be cemented using 50 sx of Premium Type 5, 15.6 ppg, 1.18 yield.*

*CONFIDENTIAL*  
*7-12-07*  
*Rm*

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/Typed) Beverly Walker	Title Engineering Technician
Signature <i>Beverly Walker</i>	Date May 24, 2007

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

Approved by <i>Fax Copy Approved 5/29/07 pcd</i>	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.		

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.

(Instructions on page 2)

**RECEIVED**  
**MAY 29 2007**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 12 2005

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

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-76033</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 Production Company</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>Federal #21-19-9-19</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>828' FNL and 2085' FWL</b> At proposed prod. zone <b>NE NW</b>		9. API Well No. <b>43-047-37621</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximately 26.8 miles southeast of Myton, UT</b>		10. Field and Pool, or Exploratory <b>Riverbend</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>828'</b>	16. No. of Acres in lease <b>600</b>	11. Sec., T., R., M., or Blk, and Survey or Area <b>Section 19, T9S-R19E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Approx. 3000'</b>	17. Spacing Unit dedicated to this well <b>40 Acres; NE NW</b>	12. County or Parish <b>Uintah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4852' GL</b>	19. Proposed Depth <b>13,088'</b>	13. State <b>UT</b>
22. Approximate date work will start* <b>ASAP</b>	20. BLM/BIA Bond No. on file <b>Bond #UT-1233</b>	
23. Estimated duration <b>35 Days</b>		

24. Attachments

**CONFIDENTIAL-TIGHT HOLE**

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, a 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. |

25. Signature <i>Venessa Langmacher</i>	Name (Printed/Typed) <b>Venessa Langmacher</b>	Date <b>9/8/2005</b>
Title <b>Authorized Agent for Gasco Production Company</b>		
Approved by (Signature) <i>Jerry Kewick</i>	Name (Printed/Typed) <b>Jerry Kewick</b>	Date <b>5-11-2007</b>
Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>	Office <b>VERNAL FIELD OFFICE</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.

**RECEIVED**

\*(Instructions on reverse)

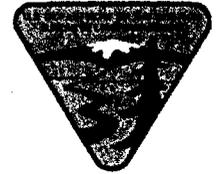
**MAY 30 2007**

**NOTICE OF APPROVAL**  
2006M  
06BM1145A

DIV. OF OIL, GAS & MINING  
**CONDITIONS OF APPROVAL ATTACHED**



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**



170 South 500 East

VERNAL, UT 84078

(435) 781-4400

**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Gasco Production Company  
**Well No:** Federal 21-19-9-19  
**API No:** 43-047- 37621

**Location:** NENW, Sec. 19, T9S, R19E  
**Lease No:** UTU- 76033  
**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
 CONDITIONS OF APPROVAL (COAs)**

- **Site Specific Conditions of Approval**
- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APD.
- The operator shall construct a diversion ditch along the east side of the pad in order to maintain existing drainage.
- Due to shallow soils on this site and the need to maintain pipeline uniformity the operator shall install the pipeline on the surface rather than follow the buried pipeline proposal discussed within the APD.
- During operations, if any vertebrate paleontological resources are discovered, in accordance with **Section 6 of Form 3100-11** and **43 CFR 3162.1**, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hours of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. The following seed mix shall be used:

Type		lbs./acre
Western Wheatgrass	<i>Agropyron smithii</i>	4
Needle and Threadgrass	<i>Stipa comata</i>	4
Hy-crest Crested wheatgrass	<i>Agropyron cristatum</i>	4
** Seed should be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		

- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The following seed mix shall be used, unless BLM personnel determine that conditions have changed and another mix would be more suitable:

Type		lbs./acre
Shadscale	<i>Atriplex confertifolia</i>	3
Winterfat	<i>Eurotia lanata</i>	3
Galleta grass	<i>Hilaria jamesil</i>	3
Indian Rice Grass	<i>Oryzopsis hymenoides</i>	3
** Seed should be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		

**General Surface COA**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- A surface casing shoe integrity test shall be performed.
- A third ram and a remote kill line tested to stack pressure (which shall run to the outer edge of the substructure and be unobstructed) shall be added to the 5M BOPE. Otherwise, 10M BOPE shall be installed.
- All requirements regarding 5M or 10M BOPE in Onshore Order #2 Drilling Operations shall be strictly adhered to.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.
- A Cement Bond Log (CBL) shall be run from TD to the base of the surface casing.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers 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 shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 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 Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

FORM 6

ENTITY ACTION FORM

Operator: Gasco Production Co  
Address: 8 Inverness Drive East, Ste 100  
city Englewood  
state Co zip 80112

Operator Account Number: N 2575

Phone Number: (303) 483-0044

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737622	Federal 14-18-9-19		SWSW	18	9	19	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16264	7/11/2007			7/26/07	
Comments: Spud Well							CONFIDENTIAL
							BLKHK = MVRD

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737621	Federal 21-19-9-19		NENW	19	9	19	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16253	7/12/2007			7/26/07	
Comments: Spud Well							CONFIDENTIAL
							BLKHK = MVRD

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737676	Uteland State 21-2-10-18		NENW	2	10S	18E	UI
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16254	7/12/2007			7/26/07	
Comments: Spud Well							CONFIDENTIAL
							BLKHK = MVRD

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)

Beverly Walker

Name (Please Print)

*Beverly Walker*

Signature

Engineering Technician

7/13/2007

Title

RECEIVED

JUL 13 2007

DIV. OF OIL, GAS & MINING



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
43-047-37621  
19 9s 19e

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth			Prog.Depth 13.027 ft			DATE 8/26/07			DAYS: RM1		
Current: Operations:			<b>Move in and rig up Nabors 270</b>											
Depth: 67'		Prog:		D Hrs:		AV ROP:		#DIV/0!		Formation: Uinta				
DMC: \$0		TMC: \$0				TDC: \$91,773		CWC: \$101,368						
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST			INTANGIBLE COST			
MW:	#1	Bit #:			Conductor:	\$ -	Loc, Cost:	\$ 71,670						
VIS:	SPM:	Size:			Surf. Csg:	\$ -	Rig Move:	\$ -						
PV/YP:	#2	Type:			Int. Csg:	\$ -	Day Rate:	\$ -						
Gel:	SPM:	MFG:			Prod Csg:	\$ -	Rental Tools:	\$ 625						
WL:	GPM:	S/N:			Float Equip:	\$ -	Trucking:	\$ -						
Cake:	Press:	Jets:			Well Head:	\$ 1,662	Water:	\$ 13,885						
Solids:	AV DC:	TD Out:			TBG/Rods:	\$ -	Fuel:	\$ -						
MBT	AV DP:	Depth In:			Packers:	\$ -	Mud Logger:	\$ -						
PH :	JetVel:	FTG:			Tanks:	\$ -	Logging:	\$ -						
P/Mf:	ECD:	Hrs:			Separator:	\$ -	Cement:	\$ -						
Chlor:	SPR #1 :	FPH:			Heater:	\$ -	Bits:	\$ -						
Ca :	SPR #2 :	WOB:			Pumping L/T:	\$ -	Mud Motors:	\$ -						
Dapp ppb:	Btm.Up:	R-RPM:			Prime Mover:	\$ -	Corrosion:	\$ -						
Time Break Down:			Total D.T.		M-RPM:		Misc:		\$ -		Consultant:		\$ 1,000	
START	END	TIME	Total Rot. Hrs:			Daily Total:		\$ 1,662		Drilling Mud:		\$ -		
06:00	18:00	12.00	Rig down and move Nabors 270 to Federal 21-19-9-19.							Misc. / Labor:		\$ 2,931		
			Set matting boards. Set and rig up substructure.							Csg. Crew:		\$ -		
			Set drawworks and parts house on floor.							Daily Total:		\$ 91,773		
			Derrick on rig floor and derrick stand.							Cum. Wtr:		\$ 13,885		
			Set in No. 1 and No.2 pump houses.							Cum. Fuel		\$ -		
										Cum. Bits:		\$ -		
			Rig 95% on location and approximately 20% rigged up.							<b>BHA</b>				
			Wasatch		5,587'		Sunnyside		12,357'					
			Mesaverde		9,427'		Kenilworth		12,597'					
			Castlegate		11,937'		Aberdeen		12,702'		TOTAL BHA = 0.00			
			Desert		12,137'		Spring Canyon		12,827'		Survey			
		12.00	Grassy		12,257'		TD		13,027'		Survey			
P/U	K#	LITH:			Mud Cleaner			BKG GAS						
S/O	K#	FLARE:			Gas Buster			CONN GAS						
ROT.	K#	LAST CSG.RAN:			13-3/8"		SET @		67 ft		PEAK GAS			
FUEL	Used:	On Hand:			Co.Man		Bob Hosfield		TRIP GAS					
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP						
<b>CONDITION</b>														



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth		Prog.Depth 13.027 ft		DATE 8/27/07		DAYS: RM2		
Current: Operations:		<b>Rig up Nabors 270</b>								
Depth: 67'		Prog:		D Hrs:		AV ROP:		#DIV/01 Formation: Uinta		
DMC: \$0		TMC: \$0		TDC: \$45,083		CWC: \$146,451				
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST		
MW:	#1	Bit #:		Conductor:	\$ -	Loc, Cost:	\$ -			
VIS:	SPM:	Size:		Surf. Csg:	\$ -	Rig Move:	\$ -			
PV/YP:	#2	Type:		Int. Csg:	\$ -	Day Rate:	\$ 19,800			
Gel:	SPM:	MFG:		Prod Csg:	\$ -	Rental Tools:	\$ 625			
WL:	GPM:	S/N:		Float Equip:	\$ -	Trucking:	\$ -			
Cake:	Press:	Jets:		Well Head:	\$ -	Water:	\$ -			
Solids:	AV DC:	TD Out:		TBG/Rods:	\$ -	Fuel:	\$ 23,658			
MBT	AV DP:	Depth In:		Packers:	\$ -	Mud Logger:	\$ -			
PH :	JetVel:	FTG:		Tanks:	\$ -	Logging:	\$ -			
Pf/Mf:	ECD:	Hrs:		Separator:	\$ -	Cement:	\$ -			
Chlor:	SPR #1 :	FPH:		Heater:	\$ -	Bits:	\$ -			
Ca :	SPR #2 :	WOB:		Pumping L/T:	\$ -	Mud Motors:	\$ -			
Dapp ppb:	Btm.Up:	R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -			
Time Break Down:			Total D.T.	M-RPM:		Misc:	\$ -	Consultant:	\$ 1,000	
START	END	TIME	Total Rot. Hrs:		Daily Total:	\$ -	Drilling Mud:	\$ -		
06:00	18:00	12.00	Rig up Nabors 270. All rig equipment set in place.				Misc. / Labor:	\$ -		
			Traveling blocks are strung up.				Csg. Crew:	\$ -		
			Will string electric cords in morning and start rig engines.				Daily Total:	\$ 45,083		
			Estimate to have derrick raised by 12:00 noon.				Cum. Wtr:	\$ 13,885		
			All rig up trucks released by 01:30 pm.				Cum. Fuel	\$ 23,658		
			Crane released by 04:00 pm.				Cum. Bits:	\$ -		
			Rig is 100% on location.				<b>BHA</b>			
			Estimate 50% rigged up.							
			Wasatch	5,587'	Sunnyside	12,357'				
			Mesaverde	9,427'	Kenilworth	12,597'				
			Castlegate	11,937'	Aberdeen	12,702'	TOTAL BHA =	0.00		
			Desert	12,137'	Spring Canyon	12,827'	Survey			
		12.00	Grassy	12,257'	TD	13,027'	Survey			
P/U	K#	LITH:	Mud Cleaner			BKG GAS				
S/O	K#	FLARE:	Gas Buster			CONN GAS				
ROT.	K#	LAST CSG.RAN:	13-3/8"	SET @	67 ft	PEAK GAS				
FUEL	Used:	On Hand:	Co.Man Bob Hosfield			TRIP GAS				
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>										



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 8/28/07		DAYS: RM3		
Current: Operations:		<b>Spud well at 06:00 am Tuesday 28 August 2007.</b>								
Depth: 67'		Prog:		D Hrs:		AV ROP:		#DIV/0!		
DMC: \$268		TMC: \$268		TDC: \$83,732		Formation: <b>Uinta</b>				
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST		
MW:	8.4	#1	Bit #:	1	Conductor:	\$ -	Loc, Cost:	\$ 1,589		
VIS:	26	SPM:	Size:	12-1/4"	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	0/1	#2	Type:	HP53AKRP	Int. Csg:	\$ -	Day Rate:	\$ 39,600		
Gel:	1/1	SPM:	MFG:	Reed	Prod Csg:	\$ -	Rental Tools:	\$ 625		
WL:	NC	GPM:	S/N:	JT 9326	Float Equip:	\$ -	Trucking:	\$ 2,480		
Cake:		Press:	Jets:	3 - 20	Well Head:	\$ -	Water:	\$ -		
Solids:	0.5	AV DC:	TD Out:	Drlg	TBG/Rods:	\$ -	Fuel:	\$ -		
MBT		AV DP:	Depth In:	67	Packers:	\$ -	Mud Logger:	\$ -		
PH :	9.1	JatVel:	FTG:		Tanks:	\$ -	Logging:	\$ -		
P/Mf:	0.10/0.30	ECD:	Hrs:		Separator:	\$ -	Cement:	\$ -		
Chlor:	300	SPR #1 :	FPH:		Heater:	\$ -	Bits:	\$ 2,670		
Ca :		SPR #2 :	WOB:		Pumping L/T:	\$ -	Mud Motors:	\$ -		
Dapp ppb:		Btm.Up:	R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -		
Time Break Down:			Total D.T.	M-RPM:	Misc:	\$ -	Consultant:	\$ 1,000		
START	END	TIME	Total Rot. Hrs:		Daily Total:	\$ -	Drilling Mud:	\$ 268		
06:00	18:00	12.00	Run power cords to drawworks. Start engine. Prepare to raise derrick.					Misc. / Labor:	\$ 35,500	
			Raise derrick. Derrick in air at 11:45 am.					Csg. Crew:	\$ -	
			Rig up floor and rotary tools.					Daily Total:	\$ 83,732	
18:00	03:00	9.00	Rig up drill floor. Pick up and make up kelly. Hook up kelly hose.					Cum. Wtr:	\$ 13,885	
			Rig up diverter system and flowline.					Cum. Fuel:	\$ 23,658	
03:00	03:30	0.50	Pressure test mud lines to 2,500 psig, okay.					Cum. Bits:	\$ -	
03:30	06:00	2.50	Strap BHA. Pick up and make up bit and mud motor.					<b>BHA</b>		
							12-1/4 Bit	1	1.00	
							0.16 MM	1	34.88	
			Note: Spud well at 06:00 am Tuesday 28 August 2007.							
			Note: Notified BLM - Vernal and State of Utah of commencing drilling operations with Nabors Rig 270.							
			Wasatch	5,587'	Sunnyside	12,357'				
			Mesaverde	9,427'	Kenilworth	12,597'				
			Castlegate	11,937'	Aberdeen	12,702'	TOTAL BHA =		35.88	
			Desert	12,137'	Spring Canyon	12,827'	Survey			
		24.00	Grassy	12,257'	TD	13,027'	Survey			
P/U	22 K#	LITH:	Mud Cleaner			BKG GAS				
S/O	22 K#	FLARE:	Gas Buster			CONN GAS				
ROT.	22 K#	LAST CSG.RAN:	13-3/8"	SET @	67 ft	PEAK GAS				
FUEL	Used: 380	On Hand:	11,674	Co.Man	Bob Hosfield	TRIP GAS				
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>										



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 8/29/07		DAYS: Day 1		
Current: Operations:		<b>Motor rotary drill 12-1/4" hole at 1,257 ft.</b>								
Depth:	1257'	Prog:	1190	D Hrs:	23 1/2	AV ROP:	50.6	Formation: <i>Uinta</i>		
DMC:	\$2,401	TMC:	\$2,669		TDC:	\$142,186	CWC: \$372,402			
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST		
MW:	8.4	#1 PZ-9	3.7 gpm	Bit #:	1	Conductor:	\$ -	Loc, Cost: \$ -		
VIS:	26	SPM:	90	Size:	12-1/4"	Surf. Csg:	\$ -	Rig Move: \$ 90,140		
PV/YP:	0/1	#2 PZ-9	3.7 gpm	Type:	HP53AKRP	Int. Csg:	\$ -	Day Rate: \$ 22,000		
Gel:	1/1/1	SPM:	90	MFG:	Reed	Prod Csg:	\$ -	Rental Tools: \$ 1,565		
WL:	NC	GPM:	666	S/N:	JT 9326	Float Equip:	\$ -	Trucking: \$ -		
Cake:	0	Press:	800/1100	Jets:	3 - 20	Well Head:	\$ -	Water: \$ 3,236		
Solids:	0	AV DC:	149/190	TD Out:	Drlg	TBG/Rods:	\$ -	Fuel: \$ -		
MBT:	0	AV DP:	126	Depth In:	67	Packers:	\$ -	Mud Logger: \$ -		
PH :	9.1	JetVel:	232	FTG:	1190	Tanks:	\$ -	Logging: \$ -		
Pf/Mf:	0.10/0.40	ECD:	8.5	Hrs:	23.5	Separator:	\$ -	Cement: \$ -		
Chlor:	1000	SPR #1 :		FPH:	50.6	Heater:	\$ -	Bits: No. 1 \$ 15,443		
Ca :	200	SPR #2 :		WOB:	5 - 45	Pumping L/T:	\$ -	Mud Motors: \$ -		
Dapp ppb:	0	Btm.Up:		R-RPM:	50 - 70	Prime Mover:	\$ -	Corrosion: \$ -		
Time Break Down:			Total D.T.	M-RPM:	106	Misc:	\$ -	Consultant: \$ 1,000		
START	END	TIME	Total Rot. Hrs:		23.5	Daily Total:	\$ -	Drilling Mud: \$ 2,401		
6:00	12:00	6.00	Motor rotary drill 12-1/4" hole 67 to 328 ft. 261 ft at 43.5 fph.				Misc. / Labor: \$ 6,401			
12:00	12:30	0.50	Check Teledrift survey tool. 3 surveys. 1/2 degree at 292 ft.				Csg. Crew: \$ -			
12:30	18:00	5.50	Motor rotary drill 12-1/4" hole 328 to 500 ft. 172 ft at 31.1 fph.				Daily Total: \$ 142,186			
18:00	06:00	12.00	Motor rotary drill 12-1/4" hole 500 to 1,257 ft. 757 ft at 63.1 fph.				Cum. Wtr: \$ 17,121			
							Cum. Fuel \$ 23,658			
							Cum. Bits: \$ 15,443			
								<b>BHA</b>		
							12-1/4 Bit	1	1.00	
							0.16 MM	1	34.88	
							Shock Sub	1	9.58	
							Teledrift	1	7.80	
							IB stabilizer	1	5.44	
							8" drill collar	1	31.06	
							IB stabilizer	1	6.69	
			Wasatch	5,587'	Sunnyside	12,357'	8" drill collar	2	61.39	
			Mesaverde	9,427'	Kenilworth	12,597'	Crossover	1	1.65	
			Castlegate	11,937'	Aberdeen	12,702'	<b>TOTAL BHA = 159.49</b>			
			Desert	12,137'	Spring Canyon	12,827'	Survey	1/2°	292 ft	
		24.00	Grassy	12,257'	TD	13,027'	Survey	2°	783 ft	
P/U	86 K#	LITH:			Mud Cleaner	No	BKG GAS	NA		
S/O	84 K#	FLARE:			Gas Buster	No	CONN GAS	NA		
ROT.	85 K#	LAST CSG.RAN:	13-3/8"	SET @	67 ft	PEAK GAS		NA		
FUEL	Used: 774	On Hand:	10,900	Co.Man	Bob Hosfield	TRIP GAS		NA		
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>										



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 8/30/07		DAYS: 2			
Current: Operations:		<b>DRLG 12-1/4" HOLE</b>									
Depth: 2345'		Prog: 1088		D Hrs: 18 1/2		AV ROP: 58.8		Formation: UINTA			
DMC: \$1,158		TMC: \$3,828		TDC: \$27,569		CWC: \$399,971					
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST			
MW:	8.4	#1 PZ-9	3.7 gpm	Bit #:	1	2	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	26	SPM:	87	Size:	12-1/4"	12 1/4"	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	0/1	#2 PZ-9	3.7 gpm	Type:	HP53AKRP	GF37WY	Int. Csg:	\$ -	Day Rate:	\$ 22,000	
Gel:	1/1/1	SPM:	88	MFG:	Reed	STC	Prod Csg:	\$ -	Rental Tools:	\$ 1,565	
WL:	NC	GPM:	645	S/N:	JT 9326	PF 5286	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	0	Press:	1200	Jets:	3 - 20	3 x 18	Well Head:	\$ -	Water:	\$ -	
Solids:	0	AV DC:	156	TD Out:	2226		TBG/Rods:	\$ -	Fuel:	\$ -	
MBT	0	AV DP:	109	Depth In:	67	2226	Packers:	\$ -	Camp Cost:	\$ 566	
PH :	9.1	JetVel:	186	FTG:	2159	119	Tanks:	\$ -	Logging:	\$ -	
Pf/Mf:	0.10/.40	ECD:	8.5	Hrs:	38.5	3.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	1000	SPR #1:		FPH:	56.1	34.0	Heater:	\$ -	Bits: No. 1	\$ -	
Ca :	160	SPR #2:		WOB:	5 - 45	5/53	Pumping L/T:	\$ -	Mud Motors:	\$ -	
Dapp ppb:	0	Btm.Up:	15 MIN	R-RPM:	50 - 70	50/70	Prime Mover:	\$ -	Corrosion:	\$ -	
Time Break Down:			Total D.T.	M-RPM:	106	106	Misc:	\$ -	Consultant:	\$ 1,000	
START	END	TIME	Total Rot. Hrs:		42.0	Daily Total:	\$ -	Drilling Mud:	\$ 1,158		
6:00	14:30	8.50	DRLG 12 1/4" HOLE F/1257' T/1891' ( 634' @ 74.6 FPH )						Misc. / Labor:	\$ 1,280	
14:30	15:00	0.50	RUN WIRELINE SURVEY TO CHECK TELEDRIFT @ 1800' 1/2°						Csg. Crew:	\$ -	
15:00	21:30	6.50	DRLG 12 1/4" HOLE F/1891' T/2226' ( 335' @ 51.5 FPH )						Daily Total:	\$ 27,569	
21:30	22:00	0.50	CIRC & COND HOLE F/TRIP						Cum. Wtr:	\$ 17,121	
22:00	00:00	2.00	TRIP OUT OF HOLE F/BIT #2						Cum. Fuel	\$ 23,658	
00:00	02:00	2.00	LAY DOWN BIT #1, M/U BIT #2 TRIP IN HOLE						Cum. Bits:	\$ 15,443	
02:00	02:30	0.50	FILL PIPE, WASH & REAM F/2143' T/2226' ( 5' OF FILL )						<b>BHA</b>		
02:30	06:00	3.50	DRLG 12 1/4" HOLE F/2226' T/2345' ( 119' @ 34 FPH )						12-1/4 Bit	1	1.00
									0.16 MM	1	34.88
									Shock Sub	1	9.58
									Teledrift	1	7.80
									IB stabilizer	1	5.44
			Rest of BHA = 21 6-3/8" D.C's. = 637.68 ft. Total BHA = 797.17 ft.						8" drill collar	1	31.06
									IB stabilizer	1	6.69
			Wasatch		5,587'	Sunnyside		12,357'	8" drill collar	2	61.39
			Mesaverde		9,427'	Kenilworth		12,597'	Crossover	1	1.65
			Castlegate		11,937'	Aberdeen		12,702'	<b>TOTAL BHA =</b>		<b>159.49</b>
			Desert		12,137'	Spring Canyon		12,827'	Survey	1/2°	1800'
		24.00	Grassy		12,257'	TD		13,027'	Survey	2°	783'
P/U	105 K#	LITH:	Mud Cleaner				No	BKG GAS	NA		
S/O	100 K#	FLARE:	Gas Buster				No	CONN GAS	NA		
ROT.	103 K#	LAST CSG.RAN:	13-3/8"		SET @	67 ft		PEAK GAS	NA		
FUEL	Used: 965	On Hand:	9,935		Co.Man	Floyd Mitchell		TRIP GAS	NA		
BIT #	1	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION	2		8	LT	O	E	1/8	BT	PR		



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 8/31/07		DAYS: 3							
Current: Operations:			<b>DRLG 12-1/4" HOLE</b>													
Depth: 3502'		Prog: 1157		D Hrs: 24		AV ROP: 48.2		Formation: <b>UINTA</b>								
DMC: \$2,316		TMC: \$6,144				TDC: \$28,238		CWC: \$428,209								
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST		INTANGIBLE COST						
MW:	8.4	#1 PZ-9 3.7 gpm		Bit #:	2		Conductor:	\$ -		Loc, Cost:	\$ -					
VIS:	26	SPM: 86		Size:	12-1/4"		Surf. Csg:	\$ -		Rig Move:	\$ -					
PV/YP:	0/1	#2 PZ-9 3.7 gpm		Type:	GF37WY		Int. Csg:	\$ -		Day Rate:	\$ 22,000					
Gel:	1/1/1	SPM: 88		MFG:	STC		Prod Csg:	\$ -		Rental Tools:	\$ 1,565					
WL:	NC	GPM: 641		S/N:	PF 5286		Float Equip:	\$ -		Trucking:	\$ -					
Cake:	0	Press: 1785		Jets:	3 X 18		Well Head:	\$ -		Water:	\$ -					
Solids:	0	AV DC: 155		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ -					
MBT	0	AV DP: 108		Depth In:	2226		Packers:	\$ -		Camp Cost:	\$ 550					
PH :	8.9	JetVel: 138		FTG:	1276		Tanks:	\$ -		Logging:	\$ -					
Pf/Mf:	.25/1.40	ECD: 8.5		Hrs:	27.5		Separator:	\$ -		Cement:	\$ -					
Chlor:	1000	SPR #1 :		FPH:	46.4		Heater:	\$ -		Bits:	\$ -					
Ca :	160	SPR #2 :		WOB:	45/55		Pumping L/T:	\$ -		Mud Motors:	\$ -					
Dapp ppb:	0	Btm.Up: 24 MIN		R-RPM:	50/70		Prime Mover:	\$ -		Corrosion:	\$ -					
Time Break Down:			Total D.T.		M-RPM: 106		Misc: \$ -		Consultant: \$ 1,000							
START	END	TIME			Total Rot. Hrs: 66.0		Daily Total: \$ -		Drilling Mud: \$ 2,316							
6:00	06:00	1.00	DRLG 12 1/4" HOLE F/2345' T/3502' ( 1157' @ 48.2 FPH )					Misc. / Labor: \$ 807								
								Csg. Crew: \$ -								
								Daily Total: \$ 28,238								
								Cum. Wtr: \$ 17,121								
								Cum. Fuel \$ 23,658								
								Cum. Bits: \$ 15,443								
<b>BHA</b>																
					12-1/4 Bit		1			1.00						
					0.16 MM		1			34.88						
					Shock Sub		1			9.58						
					Teledrift		1			7.80						
					IB stabilizer		1			5.44						
			Rest of BHA = 21 6-3/8" D.C's. = 637.68 ft. Total BHA = 797.17 ft.					8" drill collar		1	31.06					
					IB stabilizer		1			6.69						
			Wasatch		5,587'		Sunnyside		12,357'		8" drill collar		2	61.39		
			Mesaverde		9,427'		Kenilworth		12,597'		Crossover		1	1.65		
			Castlegate		11,937'		Aberdeen		12,702'		<b>TOTAL BHA =</b>		<b>159.49</b>			
			Desert		12,137'		Spring Canyon		12,827'		Survey		1°	2750'		
		1.00	Grassy		12,257'		TD		13,027'		Survey		1°	3201'		
P/U	125 K#		LITH:				Mud Cleaner		No		BKG GAS		NA			
S/O	115 K#		FLARE:				Gas Buster		No		CONN GAS		NA			
ROT.	120 K#		LAST CSG.RAN:				13-3/8" SET @		67 ft		PEAK GAS		NA			
FUEL	Used:	1380	On Hand:				8,555		Co.Man		Floyd Mitchell		TRIP GAS		NA	
BIT #	2	ICS	OCS	DC	LOC	B/S	G	ODC	RP							
<b>CONDITION</b>																



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**

43-047-37621

19 9 5 19 e

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/1/07		DAYS: 4		
Current: Operations:		<b>NIPPLE UP BOPE</b>								
Depth: 3565'		Prog: 63		D Hrs: 1 1/2		AV ROP: 42.0		Formation: UINTA		
DMC: \$580		TMC: \$6,725		TDC: \$184,938		CWC: \$613,147				
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST		
MW: 8.4		#1 PZ-9 3.7 gpm		Bit #: 2		Conductor: \$ -		Loc, Cost: \$ -		
VIS: 26		SPM: 86		Size: 12-1/4"		Surf. Csg: \$ 92,561		Rig Move: \$ -		
PV/YP: 0/1		#2 PZ-9 3.7 gpm		Type: GF37WY		Int. Csg: \$ -		Day Rate: \$ 22,000		
Gel: 1/1/1		SPM: 88		MFG: STC		Prod Csg: \$ -		Rental Tools: \$ 1,565		
WL: NC		GPM: 641		S/N: PF 5286		Float Equip: \$ 3,100		Trucking: \$ 585		
Cake: 0		Press: 1785		Jets: 3 X 18		Well Head: \$ -		Water: \$ -		
Solids: 0		AV DC: 155		TD Out: 3565		TBG/Rods: \$ -		Fuel: \$ -		
MBT: 0		AV DP: 108		Depth In: 2226		Packers: \$ -		Camp Cost: \$ -		
PH: 8.9		JetVel: 138		FTG: 1339		Tanks: \$ -		Logging: \$ -		
Pfi/Mf: .40/1.40		ECD: 8.5		Hrs: 29		Separator: \$ -		Cement: \$ 37,248		
Chlor: 1000		SPR #1:		FPH: 46.2		Heater: \$ -		Bits: \$ 15,500		
Ca: 120		SPR #2:		WOB: 45/55		Pumping L/T: \$ -		Mud Motors: \$ -		
Dapp ppb: 0		Btm.Up: 32 MIN		R-RPM: 50/70		Prime Mover: \$ -		Corrosion: \$ -		
Time Break Down:			Total D.T.		M-RPM: 106		Misc: \$ -		Consultant: \$ 1,000	
					Total Rot. Hrs: 67.0		Daily Total: \$ 95,661		Drilling Mud: \$ 580	
START	END	TIME							Misc. / Labor: \$ 210	
6:00	07:30	1.50	DRLG 12 1/4" HOLE F/3502' T/3565'( 63' @ 42 FPH )						Csg. Crew: \$ 10,589	
07:30	08:00	0.50	CIRC & COND HOLE F/CASING						Daily Total: \$ 184,938	
08:00	12:30	4.50	TRIP OUT OF HOLE, LAY DOWN 8" BHA						Cum. Wtr: \$ 17,121	
12:30	1:30	1.00	HOLD SAFTEY MEETING R/U WEATHERFORD CASING EQUIPMENT						Cum. Fuel \$ 23,658	
1:30	18:00	4.50	RUN 82 JNTS 8 5/8" J55 32# ST&C CASING SET @ 3553' KB						Cum. Bits: \$ 30,943	
18:00	18:30	0.50	HANG OFF 8 5/8" CASING ON HANGER W/71 K ON HANGER						<b>BHA</b>	
18:30	20:30	2.00	CIRC & COND HOLE F/CEMENT, RIG DOWN CASING CREW							
20:30	22:30	2.00	R/U SCHLUMBERGER CEMENT EQUIP. CEMENT W/630 SKS LEAD						0.00	
			CEMENT + ADDTIVES MIXED @ 11.0 PPG W/3.89 YIELD FOLLOWED BY						0.00	
			370 SKS "G" CEMENT + ADDITIVES MIXED @ 15.8 PPG W/1.15 YEILD						0.00	
			DROP PLUG DISPLACE W/209 BBLs H2O NO RETURNS ON DISP.						0.00	
			BUMP PLUG TO 1450 PSI, BLEED OFF FLOATS HELD, NO RETURNS						0	
22:30	00:00	1.50	R/U & RUN 200' 1" PIPE, TOP OUT W/100 SKS CLASS "G" CEMENT						0.00	
00:00	02:00	2.00	NO RETUNS TO SURFACE, LAY DOWN 1" PIPE WAIT ON CEMENT						0.00	
02:00	03:00	1.00	R/U & PUMP 100 SKS CLASS "G" CEMENT W/2% CACL GOOD CEMENT						0.00	
			TO SURFACE & STAYED @ SURFACE, RIG DOWN CEMENTERS						0.00	
03:00	06:00	3.00	NIPPLE DOWN DIVERTER, NIPPLE UP BOPE						TOTAL BHA = 0.00	
									Survey 1° 2750'	
									Survey 1° 3201'	
		24.00								
P/U	125 K#	LITH:		Mud Cleaner		No		BKG GAS NA		
S/O	115 K#	FLARE:		Gas Buster		No		CONN GAS NA		
ROT.	120 K#	LAST CSG.RAN:		8 5/8" SET @		3553'		PEAK GAS NA		
FUEL	Used: 1380	On Hand: 8,555		Co.Man		Floyd Mitchell		TRIP GAS NA		
BIT #	2	ICS	OCS	DC	LOC	B/S	G	ODC	RP	
CONDITION	2	2	BT	O	E	I/8	WT	TD		



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

<b>Well: Fed 21-19-9-19</b>			<b>Per.Depth 13,088'</b>		<b>Prog.Depth 13,027 ft</b>		<b>DATE 9/2/07</b>		<b>DAYS: 5</b>				
<b>Current: Operations:</b>			<b>DRLG 7 7/8" HOLE</b>										
<b>Depth: 4004'</b>		<b>Prog: 439</b>		<b>D Hrs: 5 1/2</b>		<b>AV ROP: 79.8</b>		<b>Formation: UINTA</b>					
<b>DMC: \$0</b>		<b>TMC: \$6,725</b>				<b>TDC: \$38,458</b>		<b>CWC: \$651,605</b>					
<b>Contractor: NABORS 270</b>			<b>Mud Co: M-I Drlg. Fluids</b>			<b>TANGIBLE COST</b>			<b>INTANGIBLE COST</b>				
<b>MW:</b>	8.4	<b>#1 PZ-9</b>	<b>3.7 gpm</b>	<b>Bit #:</b>	3	<b>Conductor:</b>	\$ -	<b>Loc, Cost:</b>	\$ -				
<b>VIS:</b>	26	<b>SPM:</b>	80	<b>Size:</b>	7 7/8"	<b>Surf. Csg:</b>	\$ -	<b>Rig Move:</b>	\$ -				
<b>PV/YP:</b>	0/1	<b>#2 PZ-9</b>	<b>3.7 gpm</b>	<b>Type:</b>	HC506ZX	<b>Int. Csg:</b>	\$ -	<b>Day Rate:</b>	\$ 22,000				
<b>Gel:</b>	1/1/1	<b>SPM:</b>	80	<b>MFG:</b>	HTC	<b>Prod Csg:</b>	\$ -	<b>Rental Tools:</b>	\$ 2,280				
<b>WL:</b>	NC	<b>GPM:</b>	592	<b>S/N:</b>	7114128	<b>Float Equip:</b>	\$ -	<b>Trucking:</b>	\$ -				
<b>Cake:</b>	0	<b>Press:</b>	1700	<b>Jets:</b>	6 X 16	<b>Well Head:</b>	\$ 4,392	<b>Water:</b>	\$ -				
<b>Solids:</b>	0	<b>AV DC:</b>		<b>TD Out:</b>		<b>TBG/Rods:</b>	\$ -	<b>Fuel:</b>	\$ -				
<b>MBT:</b>	0	<b>AV DP:</b>		<b>Depth In:</b>	3565	<b>Packers:</b>	\$ -	<b>Camp Cost:</b>	\$ -				
<b>PH :</b>	8.9	<b>JetVel:</b>		<b>FTG:</b>	439	<b>Tanks:</b>	\$ -	<b>Logging:</b>	\$ -				
<b>Pf/Mf:</b>	.40/1.40	<b>ECD:</b>		<b>Hrs:</b>	5 1/2	<b>Separator:</b>	\$ -	<b>Cement:</b>	\$ -				
<b>Chlor:</b>	1000	<b>SPR #1 :</b>		<b>FPH:</b>	79.8	<b>Heater:</b>	\$ -	<b>Bits:</b>	\$ -				
<b>Ca :</b>	120	<b>SPR #2 :</b>		<b>WOB:</b>	20/25	<b>Pumping L/T:</b>	\$ -	<b>Mud Motors:</b>	\$ 7,250				
<b>Dapp ppb:</b>	0	<b>Btm.Up:</b>	32 MIN	<b>R-RPM:</b>	50/70	<b>Prime Mover:</b>	\$ -	<b>Corrosion:</b>	\$ -				
<b>Time Break Down:</b>			<b>Total D.T.</b>		<b>M-RPM:</b>		95	<b>Misc:</b>	\$ -	<b>Consultant:</b>	\$ 1,000		
<b>START</b>	<b>END</b>	<b>TIME</b>				<b>Total Rot. Hrs:</b>		72.5	<b>Daily Total:</b>	\$ 4,392	<b>Drilling Mud:</b>	\$ -	
6:00	11:30	5.50	CONT T/NIPPLE UP BOPE								<b>Misc. / Labor:</b>	\$ 1,536	
11:30	15:30	4.00	PRESS TEST UPPER KELLY VALVE & LOWER KELLY VALVE AND ALL FLOOR SAFTEY VALVES, PIPE & BLIND RAMS & CHOKE MANNIFOLD								<b>Csg. Crew:</b>	\$ -	
			TO 250 PSI LOW 5 MIN, 5000 PSI HIGH 10 MIN TEST ANNULAR TO 250								<b>Daily Total:</b>	\$ 38,458	
			PSI LOW 5 MIN 2500 PSI HIGH 10 MIN, TEST 8 5/8" CASING TO 1500 PSI								<b>Cum. Wtr:</b>	\$ 17,121	
			30 MIN, ALL TESTS ( OK )								<b>Cum. Fuel</b>	\$ 23,658	
											<b>Cum. Bits:</b>	\$ 30,943	
15:30	17:00	1.50	NIPPLE UP FLOW LINE, INSTALL WEAR BUSHING								<b>BHA</b>		
17:00	20:30	3.50	M/U BIT #3 P/U 7 7/8" BHA TRIP IN HOLE								<b>BIT</b>	7 7/8"	1.00
20:30	00:00	3.50	CLEAN OUT CEMENT & FLOAT EQUIP. T/3565'								1-.16 MM	6 1/4"	35.50
00:00	00:30	0.50	RUN FORMATION INTEGRITY TEST TO A 11.5 PPG MW ( OK )								1-TELE DR.	6 1/4"	8.52
00:30	06:00	5.50	DRLG F/3565' T/4004' ( 439' @ 79.8 FPH )								1-STAB	7 1/2"	5.58
											1-DC	6 1/4"	30.96
											1-STAB	7 1/2"	5.77
											20-DCS	6 1/4"	606.72
											<b>TOTAL BHA =</b>		<b>694.05</b>
											<b>Survey</b>	1°	2750'
											<b>Survey</b>	1°	3201'
		24.00											
<b>P/U</b>	120 K#	<b>LITH:</b>					<b>Mud Cleaner</b>	<b>No</b>	<b>BKG GAS</b>	0			
<b>S/O</b>	110 K#	<b>FLARE:</b>					<b>Gas Buster</b>	<b>No</b>	<b>CONN GAS</b>	0			
<b>ROT.</b>	115 K#	<b>LAST CSG.RAN:</b>	8 5/8"		<b>SET @</b>	3553' KB		<b>PEAK GAS</b>	0				
<b>FUEL Used:</b>	712	<b>On Hand:</b>	7,173		<b>Co.Man</b>	Floyd Mitchell		<b>TRIP GAS</b>	NA				
<b>BIT #</b>	3	<b>ICS</b>	<b>OCS</b>	<b>DC</b>	<b>LOC</b>	<b>B/S</b>	<b>G</b>	<b>ODC</b>	<b>RP</b>				
<b>CONDITION</b>													



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/3/07		DAYS: 6			
Current: Operations:			<b>DRLG 7 7/8" HOLE</b>									
Depth: 5740'		Prog: 1736		D Hrs: 23 1/2		AV ROP: 73.9		Formation: WASATCH				
DMC: \$10,901		TMC: \$17,626				TDC: \$36,181		CWC: \$687,786				
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST		INTANGIBLE COST		
MW:	8.4	#1 PZ-9 3.7 gpm		Bit #:	3		Conductor:	\$ -		Loc, Cost:	\$ -	
VIS:	26	SPM: 80		Size:	7 7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -	
PV/YP:	0/1	#2 PZ-9 3.7 gpm		Type:	HC506ZX		Int. Csg:	\$ -		Day Rate:	\$ 22,000	
Gel:	1/1/1	SPM: 80		MFG:	HTC		Prod Csg:	\$ -		Rental Tools:	\$ 2,280	
WL:	NC	GPM: 589		S/N:	7114128		Float Equip:	\$ -		Trucking:	\$ -	
Cake:	0	Press: 2120		Jets:	6 X 16		Well Head:	\$ -		Water:	\$ -	
Solids:	0	AV DC: 495		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ -	
MBT:	0	AV DP: 300		Depth In:	3565		Packers:	\$ -		Camp Cost:	\$ -	
PH :	8.2	JetVel: 160		FTG:	2175		Tanks:	\$ -		Logging:	\$ -	
Pf/Mf:	.00/4.00	ECD: 8.6		Hrs:	29		Separator:	\$ -		Cement:	\$ -	
Chlor:	1100	SPR #1 :		FPH:	75.0		Heater:	\$ -		Bits:	\$ -	
Ca :	120	SPR #2 :		WOB:	20/25		Pumping L/T:	\$ -		Mud Motors:	\$ -	
Dapp ppb:	5	Btm.Up: 14 MIN		R-RPM:	50/70		Prime Mover:	\$ -		Corrosion:	\$ -	
Time Break Down:			Total D.T.		M-RPM: 95		Misc:	\$ -		Consultant:	\$ 1,000	
START	END	TIME			Total Rot. Hrs: 96.0		Daily Total:	\$ -		Drilling Mud:	\$ 10,901	
6:00	16:30	10.50	DRLG F/4004' T/4896' ( 892' @ 84.9 FPH )								Misc. / Labor:	\$ -
16:30	17:00	0.50	SERVICE RIG								Csg. Crew:	\$ -
17:00	06:00	13.00	DRLG F/4896' T/5740' ( 844' @ 64.9 FPH )								Daily Total:	\$ 36,181
											Cum. Wtr:	\$ 17,121
											Cum. Fuel	\$ 23,658
											Cum. Bits:	\$ 30,943
<b>BHA</b>												
			BIT		7 7/8"				1.00			
			1-.16 MM		6 1/4"				35.50			
			1-TELE DR.		6 1/4"				8.52			
			1- STAB		7 1/2"				5.58			
			1- DC		6 1/4"				30.96			
			1-STAB		7 1/2"				5.77			
			20-DCS		6 1/4"				606.72			
			WASATCH		5587'							
			MEASVERDE		9427'							
			CASTLEGATE		11,937'							
			DESERT		12,137'							
			KENILWORTH		12,357'							
		24.00	TD		13,027'							
P/U	155 K#	LITH:		Mud Cleaner		No		BKG GAS		0		
S/O	130 K#	FLARE:		Gas Buster		No		CONN GAS		0		
ROT.	145 K#	LAST CSG.RAN:		8 5/8" SET @		3553' KB		PEAK GAS		0		
FUEL	Used: 1447	On Hand: 5,726		Co.Man		Floyd Mitchell		TRIP GAS		NA		
BIT #	3	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
<b>CONDITION</b>												



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/4/07		DAYS: 7	
Current: Operations:					<b>DRLG 7 7/8" HOLE</b>				
Depth: 6875'		Prog: 1135		D Hrs: 24		AV ROP: 47.3		Formation: WASATCH	
DMC: \$3,805		TMC: \$21,432			TDC: \$34,210		CWC: \$721,996		
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids		TANGIBLE COST		INTANGIBLE COST	
MW:	8.4	#1 PZ-9	3.7 gpm	Bit #:	3	Conductor:	\$ -	Loc.Cost:	\$ -
VIS:	26	SPM:	80	Size:	7 7/8"	Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	0/1	#2 PZ-9	3.7 gpm	Type:	HC506ZX	Int. Csg:	\$ -	Day Rate:	\$ 22,000
Gel:	1/1/1	SPM:	80	MFG:	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 2,280
WL:	NC	GPM :	589	S/N:	7114128	Float Equip:	\$ -	Trucking:	\$ -
Cake:	0	Press:	2200	Jets:	6 X 16	Well Head:	\$ -	Water:	\$ -
Solids:	0	AV DC:	495	TD Out:		TBG/Rods:	\$ -	Fuel:	\$ -
MBT	0	AV DP:	300	Depth In:	3565	Packers:	\$ -	Camp Cost:	\$ 425
PH :	8.2	JetVel:	160	FTG:	3310	Tanks:	\$ -	Logging:	\$ -
Pf/Mf:	.00/4.50	ECD:	8.6	Hrs:	53	Separator:	\$ -	Cement:	\$ -
Chlor:	1100	SPR #1 :		FPH:	62.5	Heater:	\$ -	Bits:	\$ -
Ca :	20	SPR #2 :		WOB:	20/28	Pumping L/T:	\$ -	Mud Motors:	\$ 4,700
Dapp ppb:	6	Btm.Up:	19 MIN	R-RPM:	50/70	Prime Mover:	\$ -	Corrosion:	\$ -
Time Break Down:			Total D.T.	M-RPM:	95	Misc:	\$ -	Consultant:	\$ 1,000
START	END	TIME	Total Rot. Hrs:		120.0	Daily Total:	\$ -	Drilling Mud:	\$ 3,805
6:00	06:00	24.00	DRLG F/5740' T/6875' ( 1135' @ 47.3 FPH )					Misc. / Labor:	\$ -
								Csg. Crew:	\$ -
								Daily Total:	\$ 34,210
								Cum. Wtr:	\$ 17,121
								Cum. Fuel	\$ 23,658
								Cum. Bits:	\$ 30,943
								<b>BHA</b>	
				BIT	7 7/8"			1.00	
				1-.16 MM	6 1/4"			35.50	
				1-TELE DR.	6 1/4"			8.52	
				1-STAB	7 1/2"			5.58	
				1- DC	6 1/4"			30.96	
				1-STAB	7 1/2"			5.77	
				20-DCS	6 1/4"			606.72	
			WASATCH	5587'					
			MEASVERDE	9427'					
			CASTLEGATE	11,937'					
			DESERT	12,137'					
			KENILWORTH	12,357'					
		24.00	TD	13,027'					
P/U	175 K#	LITH:		Mud Cleaner	No	BKG GAS		0	
S/O	150 K#	FLARE:		Gas Buster	No	CONN GAS		0	
ROT.	165 K#	LAST CSG.RAN:	8 5/8"	SET @	3553' KB	PEAK GAS		0	
FUEL	Used: 1721	On Hand:	4,005	Co.Man	Floyd Mitchell	TRIP GAS		NA	
BIT #	3	ICS	OCS	DC	LOC	B/S	G	ODC	
RP									
<b>CONDITION</b>									



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/5/07		DAYS: 8		
Current: Operations:			<b>DRLG 7 7/8" HOLE</b>								
Depth: 7790'		Prog: 915		D Hrs: 22 1/2		AV ROP: 40.7		Formation: <b>WASATCH</b>			
DMC: \$3,289		TMC: \$24,722				TDC: \$55,262		CWC: \$777,258			
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids		TANGIBLE COST			INTANGIBLE COST		
MW:	8.4	#1 PZ-9 3.7 gpm		Bit #:	3	Conductor: \$ -		Loc, Cost: \$ -			
VIS:	26	SPM: 77		Size:	7 7/8"	Surf. Csg: \$ -		Rig Move: \$ -			
PV/Y/P:	0/1	#2 PZ-9 3.7 gpm		Type:	HC506ZX	Int. Csg: \$ -		Day Rate: \$ 22,000			
Gel:	1/1/1	SPM: 77		MFG:	HTC	Prod Csg: \$ -		Rental Tools: \$ 2,280			
WL:	NC	GPM: 567		S/N:	7114128	Float Equip: \$ -		Trucking: \$ -			
Cake:	0	Press: 2440		Jets:	6 X 16	Well Head: \$ -		Water: \$ -			
Solids:	0	AV DC: 476		TD Out:		TBG/Rods: \$ -		Fuel: \$ 23,743			
MBT	0	AV DP: 289		Depth In:	3565	Packers: \$ -		Camp Cost: \$ 550			
PH :	8.2	JetVel: 154		FTG:	4220	Tanks: \$ -		Logging: \$ -			
Pf/Mf:	.00/4.60	ECD: 8.6		Hrs:	75 1/2	Separator: \$ -		Cement: \$ -			
Chlor:	1200	SPR #1 :		FPH:	55.9	Heater: \$ -		Bits: \$ -			
Ca :	20	SPR #2 :		WOB:	20/28	Pumping L/T: \$ -		Mud Motors: \$ 2,400			
Dapp ppb:	5.5	Btm.Up: 24 MIN		R-RPM:	50/70	Prime Mover: \$ -		Corrosion: \$ -			
Time Break Down:			Total D.T.		M-RPM: 95		Misc: \$ -		Consultant: \$ 1,000		
START	END	TIME			Total Rot. Hrs:		142.5		Daily Total: \$ -		Drilling Mud: \$ 3,289
6:00	15:30	9.50	DRLG F/6875' T/7303' ( 428' @ 45.1 FPH )						Misc. / Labor: \$ -		
15:30	16:00	0.50	SERVICE RIG,HOLD BOP DRILL,( 3 MIN )						Csg. Crew: \$ -		
16:00	18:00	2.00	DRLG F/7303' T/7388' ( 85' @ 42.5 FPH )						Daily Total: \$ 55,262		
18:00	19:00	1.00	WORK ON #1 & #2 MUD PUMPS						Cum. Wtr: \$ 17,121		
19:00	06:00	11.00	DRLG F/7388' T/7790' ( 402' @ 36.5 FPH )						Cum. Fuel \$ 47,401		
									Cum. Bits: \$ 30,943		
<b>BHA</b>											
					BIT		7 7/8"		1.00		
					1-.16 MM		6 1/4"		35.50		
					1-TELE DR.		6 1/4"		8.52		
					1- STAB		7 1/2"		5.58		
					1- DC		6 1/4"		30.96		
					1-STAB		7 1/2"		5.77		
			WASATCH		5587'		20-DCS		6 1/4"		606.72
			MEASVERDE		9427'						
			CASTLEGATE		11,937'						
			DESERT		12,137'						
			KENILWORTH		12,357'						
		24.00	TD		13,027'						
<b>TOTAL BHA = 694.05</b>											
			Survey		1 1/2°				6461'		
			Survey		1°				7537'		
P/U	200 K#	LITH:		Mud Cleaner		No		BKG GAS		0	
S/O	170 K#	FLARE:		Gas Buster		No		CONN GAS		0	
ROT.	182 K#	LAST CSG.RAN:		8 5/8"		SET @		3553' KB		PEAK GAS 0	
FUEL Used:	1541	On Hand:		10,464		Co.Man		Floyd Mitchell		TRIP GAS NA	
BIT #	3	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>											



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/6/07		DAYS: 9			
Current: Operations:			<b>DRLG 7 7/8" HOLE</b>									
Depth: 8250'		Prog: 460		D Hrs: 12 1/2		AV ROP: 36.8		Formation: WASATCH				
DMC: \$2,359		TMC: \$27,081				TDC: \$48,276		CWC: \$825,534				
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST		
MW:	8.4	#1 PZ-9	3.7 gpm	Bit #:	3	4	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	26	SPM:	111	Size:	7 7/8"	7 7/8"	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	0/1	#2 PZ-9	3.7 gpm	Type:	HC506ZX	HC506ZX	Int. Csg:	\$ -	Day Rate:	\$ 22,000		
Gel:	1/1/1	SPM:		MFG:	HTC	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 2,280		
WL:	NC	GPM:	409	S/N:	7114128	7108288	Float Equip:	\$ -	Trucking:	\$ -		
Cake:	0	Press:	1300	Jets:	6 X 16	6 x 16	Well Head:	\$ -	Water:	\$ 9,237		
Solids:	0	AV DC:	343	TD Out:	8030		TBG/Rods:	\$ -	Fuel:	\$ -		
MBT	0	AV DP:	208	Depth In:	3565	8030	Packers:	\$ -	Camp Cost:	\$ -		
PH :	8.2	JetVel:	111	FTG:	4465	220	Tanks:	\$ -	Logging:	\$ -		
Pf/Mf:	.00/4.90	ECD:	8.6	Hrs:	83	5	Separator:	\$ -	Cement:	\$ -		
Chlor:	1500	SPR #1 :		FPH:	53.8	44.0	Heater:	\$ -	Bits:	\$ 9,000		
Ca :	20	SPR #2 :		WOB:	20/28	20/25	Pumping L/T:	\$ -	Mud Motors:	\$ 2,400		
Dapp ppb:	6	Btm.Up:	37 MIN	R-RPM:	50/70	50/70	Prime Mover:	\$ -	Corrosion:	\$ -		
Time Break Down:			Total D.T.	M-RPM:	95	61	Misc:	\$ -	Consultant:	\$ 1,000		
START	END	TIME	Total Rot. Hrs:		155.0		Daily Total:	\$ -	Drilling Mud:	\$ 2,359		
6:00	13:30	7.50	DRLG F/7790' T/8030' ( 240' @ 32 FPH )							Misc. / Labor:	\$ -	
13:30	14:30	1.00	SWEEP HOLE, BUILD & PUMP SLUG							Csg. Crew:	\$ -	
14:30	19:00	4.50	DROP SURVEY, TRIP OUT OF HOLE F/BIT #4							Daily Total:	\$ 48,276	
19:00	20:00	1.00	LAY DOWN .16 MM & BIT #3							Cum. Wtr:	\$ 26,358	
20:00	20:30	0.50	PULL & INSPECT WEAR BUSHING,( OK ) REINSTALL							Cum. Fuel	\$ 47,401	
20:30	23:30	3.00	P/U .15 MM M/U BIT #4 TRIP IN HOLE, FILL PIPE @ CSG SHOE							Cum. Bits:	\$ 30,943	
23:30	01:00	1.50	WASH & REAM F/7951' T/8030' ( NO FILL )							<b>BHA</b>		
01:00	06:00	5.00	DRLG F/8030' T/8250' ( 220' @ 44 FPH )							BIT	7 7/8"	1.00
										1-.16 MM	6 1/4"	35.50
										1-TELE DR.	6 1/4"	8.52
										1- STAB	7 1/2"	5.58
			<b>NOTE: Start mud up @ 8100'</b>							1- DC	6 1/4"	30.96
			<b>NOTE: Lawrance cut right index finger on mud gate ( First aid @ Rig )</b>							1-STAB	7 1/2"	5.77
			<b>NOTE: Charles chapin hit self in mouth with "t" bar ( First aid @ Rig )</b>							20-DCS	6 1/4"	606.72
			WASATCH 5587'									
			MEASVERDE 9427'									
			CASTLEGATE 11,937'									
			DESERT 12,137'							<b>TOTAL BHA = 694.05</b>		
			KENILWORTH 12,357'							Survey	1 3/4°	7938'
		24.00	TD 13,027'							Survey	1°	7537'
P/U	210 K#	LITH:					Mud Cleaner	No	BKG GAS	0		
S/O	178 K#	FLARE:					Gas Buster	No	CONN GAS	0		
ROT.	193 K#	LAST CSG.RAN:	8 5/8"		SET @	3553' KB		PEAK GAS	0			
FUEL	Used: 1195	On Hand:	9,269		Co.Man	Floyd Mitchell		TRIP GAS	NA			
BIT #	3	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
CONDITION	4		2	BC	I	X	1/8	WC	PR			



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/7/07		DAYS: 10	
Current: Operations:		<b>DRLG 7 7/8" HOLE</b>							
Depth: 8955'		Prog: 705		D Hrs: 24		AV ROP: 29.4		Formation: WASATCH	
DMC: \$8,985		TMC: \$36,066		TDC: \$36,920		CWC: \$862,454			
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST	
MW:	9	#1 PZ-9	3.7 gpm	Bit #:	4	Conductor:	\$ -	Loc, Cost:	\$ -
VIS:	35	SPM:	68	Size:	7 7/8"	Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	6/12	#2 PZ-9	3.7 gpm	Type:	HC506ZX	Int. Csg:	\$ -	Day Rate:	\$ 22,000
Gel:	8/16/21	SPM:	70	MFG:	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 2,280
WL:	20	GPM:	508	S/N:	7108288	Float Equip:	\$ -	Trucking:	\$ -
Cake:	2	Press:	2270	Jets:	6 X 16	Well Head:	\$ -	Water:	\$ -
Solids:	5	AV DC:	426	TD Out:		TBG/Rods:	\$ -	Fuel:	\$ -
MBT	12.5	AV DP:	259	Depth In:	8030	Packers:	\$ -	Camp Cost:	\$ 255
PH :	8.2	JetVel:	138	FTG:	925	Tanks:	\$ -	Logging:	\$ -
Pf/Mf:	.00/4.00	ECD:	9.3	Hrs:	29	Separator:	\$ -	Cement:	\$ -
Chlor:	4000	SPR #1:	40SPM@200	FPH:	31.9	Heater:	\$ -	Bits:	\$ -
Ca :	20	SPR #2:	40SPM@200	WOB:	25/28	Pumping L/T:	\$ -	Mud Motors:	\$ 2,400
Dapp ppb:	5	Btm.Up:	32 MIN	R-RPM:	50/70	Prime Mover:	\$ -	Corrosion:	\$ -
Time Break Down:			Total D.T.	M-RPM:	81	Misc:	\$ -	Consultant:	\$ 1,000
START	END	TIME	Total Rot. Hrs:		155.0	Daily Total:	\$ -	Drilling Mud:	\$ 8,985
6:00	06:00	24.00	DRLG F/8250' T/8955' ( 705' @ 29.4 FPH )					Misc. / Labor:	\$ -
								Csg. Crew:	\$ -
								Daily Total:	\$ 36,920
								Cum. Wtr:	\$ 26,358
								Cum. Fuel	\$ 47,401
								Cum. Bits:	\$ 30,943
							<b>BHA</b>		
							BIT	7 7/8"	1.00
							1-.15 MM	6 1/4"	33.10
							1-TELE DR.	6 1/4"	8.52
							1- STAB	7 1/2"	5.58
							1- DC	6 1/4"	30.96
							1-STAB	7 1/2"	5.77
							20-DCS	6 1/4"	606.72
							<b>TOTAL BHA = 691.65</b>		
							Survey	1 3/4°	7938'
							Survey	1°	7537'
24.00		TD	13,027'						
P/U	225 K#	LITH:			Mud Cleaner	No	BKG GAS	0	
S/O	185 K#	FLARE:			Gas Buster	No	CONN GAS	0	
ROT.	205 K#	LAST CSG.RAN:	8 5/8" SET @		3553' KB	PEAK GAS		0	
FUEL	Used: 1740	On Hand:	7,529		Co.Man	Floyd Mitchell		TRIP GAS NA	
BIT #	4	ICS	OCS	DC	LOC	B/S	G	ODC	RP
<b>CONDITION</b>									







# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/10/07		DAYS: 13		
Current: Operations:			<b>DRLG 7 7/8" HOLE</b>								
Depth: 10,700'		Prog: 730		D Hrs: 23 1/2		AV ROP: 31.1		Formation: <b>MEASVERDE</b>			
DMC: \$838		TMC: \$42,700				TDC: \$26,768		CWC: \$963,132			
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST		
MW:	9.7	#1 PZ-9 3.7 gpm		Bit #:	5	Conductor: \$ -		Loc, Cost: \$ -			
VIS:	37	SPM: 65		Size:	7 7/8"	Surf. Csg: \$ -		Rlg Move: \$ -			
PV/YP:	8/18	#2 PZ-9 3.7 gpm		Type:	HC506ZX	Int. Csg: \$ -		Day Rate: \$ 22,000			
Gel:	12/24/33	SPM: 65		MFG:	HTC	Prod Csg: \$ -		Rental Tools: \$ 2,280			
WL:	14	GPM: 479		S/N:	7113995	Float Equip: \$ -		Trucking: \$ -			
Cake:	1	Press: 2120		Jets:	6 X 16	Well Head: \$ -		Water: \$ -			
Solids:	8	AV DC: 402		TD Out:		TBG/Rods: \$ -		Fuel: \$ -			
MBT	12.5	AV DP: 244		Depth In:	9154	Packers: \$ -		Camp Cost: \$ 650			
PH :	7.8	JetVel: 130		FTG:	1546	Tanks: \$ -		Logging: \$ -			
Pf/Mf:	.00/4.00	ECD: 10.2		Hrs:	52 1/2	Separator: \$ -		Cement: \$ -			
Chlor:	4000	SPR #1 : 40SPM@200		FPH:	29.4	Heater: \$ -		Bits: \$ -			
Ca :	20	SPR #2 : 40SPM@200		WOB:	25/28	Pumping L/T: \$ -		Mud Motors: \$ -			
Dapp ppb:	6	Btm.Up: 38 MIN		R-RPM:	60/75	Prime Mover: \$ -		Corrosion: \$ -			
Time Break Down:			Total D.T.		M-RPM: N/A		Misc: \$ -		Consultant: \$ 1,000		
START	END	TIME			Total Rot. Hrs: 215.5		Daily Total: \$ -		Drilling Mud: \$ 838		
6:00	16:00	10.00	DRLG F/9970' T/10,256' ( 286' @ 28.6 FPH )						Misc. / Labor: \$ -		
16:00	16:30	0.50	SERVICE RIG						Csg. Crew: \$ -		
16:30	06:00	13.50	DRLG F/10,256' T/10,700' ( 444' @ 32.8 FPH )						Daily Total: \$ 26,768		
									Cum. Wtr: \$ 26,358		
									Cum. Fuel \$ 47,401		
									Cum. Bits: \$ 30,943		
<b>BHA</b>											
					BIT 7 7/8"				1.00		
					1-BIT SUB 6 1/4"				3.78		
					21-DCS 6 1/4"				637.68		
					WASATCH 5587'						
					MEASVERDE 9427'						
					CASTLEGATE 11,937'						
					DESERT 12,137'						
					KENILWORTH 12,357'						
		24.00	TD		13,027'				TOTAL BHA = 642.46		
P/U	255 K#	LITH:		Mud Cleaner		YES		BKG GAS		2600	
S/O	195 K#	FLARE: NONE		Gas Buster		VENTING		CONN GAS		5500	
ROT.	225 K#	LAST CSG.RAN:		8 5/8"		SET @		3553' KB		PEAK GAS 5500	
FUEL	Used: 1799	On Hand: 2,615		Co.Man		Floyd Mitchell		TRIP GAS		N/A	
BIT #	5	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>											





# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/12/07		DAYS: 15		
Current: Operations:			<b>DRLG 7 7/8" HOLE</b>								
Depth: 11,684'		Prog: 624		D Hrs: 23 1/2		AV ROP: 26.6		Formation: LOWER MEASVERDE			
DMC: \$3,867		TMC: \$55,097				TDC: \$31,450		CWC: \$1,062,591			
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids		TANGIBLE COST			INTANGIBLE COST		
MW:	10.3	#1 PZ-9 3.7 gpm		Bit #:	6	Conductor: \$ -		Loc, Cost: \$ -			
VIS:	38	SPM: 109		Size:	7 7/8"	Surf. Csg: \$ -		Rig Move: \$ -			
PV/YP:	9/12	#2 PZ-9 3.7 gpm		Type:	HC506ZX+	Int. Csg: \$ -		Day Rate: \$ 22,000			
Gel:	5/16	SPM:		MFG:	HTC	Prod Csg: \$ -		Rental Tools: \$ 2,280			
WL:	13.2	GPM: 402		S/N:	7116462	Float Equip: \$ -		Trucking: \$ -			
Cake:	2	Press: 1850		Jets:	6 X 16	Well Head: \$ -		Water: \$ 2,303			
Solids:	9	AV DC: 337		TD Out:		TBG/Rods: \$ -		Fuel: \$ -			
MBT	12.5	AV DP: 205		Depth In:	10,836	Packers: \$ -		Camp Cost: \$ -			
PH :	8.2	JetVel: 109		FTG:	848	Tanks: \$ -		Logging: \$ -			
Pf/Mf:	.00/3.50	ECD: 10.6		Hrs:	30 1/2	Separator: \$ -		Cement: \$ -			
Chlor:	2400	SPR #1 : 40SPM@250		FPH:	27.8	Heater: \$ -		Bits: \$ -			
Ca :	40	SPR #2 : 40SPM@250		WOB:	20/25	Pumping L/T: \$ -		Mud Motors: \$ -			
Dapp ppb:	4.5	Btm.Up: 51 MIN		R-RPM:	60/70	Prime Mover: \$ -		Corrosion: \$ -			
Time Break Down:			Total D.T.		M-RPM: N/A		Misc: \$ -		Consultant: \$ 1,000		
START	END	TIME			Total Rot. Hrs: 251.5		Daily Total: \$ -		Drilling Mud: \$ 3,867		
6:00	16:30	10.50	DRLG F/11,060' T/11,334' ( 274' @ 26 FPH )						Misc. / Labor: \$ -		
16:30	17:00	0.50	SERVICE RIG						Csg. Crew: \$ -		
17:00	06:00	13.00	DRLG F/11,334' T/11,684' ( 350' @ 26.9 FPH )						Daily Total: \$ 31,450		
									Cum. Wtr: \$ 28,661		
									Cum. Fuel \$ 70,716		
									Cum. Bits: \$ 30,943		
<b>BHA</b>											
			BIT		7 7/8"				1.00		
			1-BIT SUB		6 1/4"				3.78		
			21-DCS		6 1/4"				637.68		
			WASATCH		5587'						
			MEASVERDE		9427'						
			CASTLEGATE		11,937'						
			DESERT		12,137'						
			KENILWORTH		12,357'						
		24.00	TD		13,027'						
P/U	270 K#		LITH:		Mud Cleaner		YES		BKG GAS 4800		
S/O	205 K#		FLARE:		7' TO 10' FLARE		VENTING		CONN GAS 5200		
ROT.	240 K#		LAST CSG.RAN:		8 5/8"		SET @ 3553' KB		PEAK GAS 5200		
FUEL	Used: 1429		On Hand: 7,885		Co.Man		Floyd Mitchell		TRIP GAS N/A		
BIT #	6	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>											



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

<b>Well: Fed 21-19-9-19</b>			<b>Per.Depth 13,088'</b>			<b>Prog.Depth 13,027 ft</b>			<b>DATE 9/13/07</b>			<b>DAYS: 16</b>					
<b>Current: Operations:</b>						<b>Run In Hole.</b>											
<b>Depth: 11939'</b>		<b>Prog: 255</b>		<b>D Hrs: 17</b>		<b>AV ROP: 15.0</b>		<b>Formation: CASTLEGATE</b>									
<b>DMC: \$4,332</b>			<b>TMC: \$59,429</b>			<b>TDC: \$35,809</b>			<b>CWC: \$1,098,400</b>								
<b>Contractor: NABORS 270</b>				<b>Mud Co: M-I Drlg. Fluids</b>				<b>TANGIBLE COST</b>				<b>INTANGIBLE COST</b>					
<b>MW:</b>	10.4	<b>#1 PZ-9</b>	<b>3.7 gpm</b>	<b>Bit #:</b>	6	7	<b>Conductor:</b>	\$ -	<b>Loc, Cost:</b>	\$ -							
<b>VIS:</b>	46	<b>SPM:</b>	109	<b>Size:</b>	7 7/8"	7 7/8"	<b>Surf. Csg:</b>	\$ -	<b>Rig Move:</b>	\$ -							
<b>PV/YP:</b>	15/15	<b>#2 PZ-9</b>	<b>3.7 gpm</b>	<b>Type:</b>	HC506ZX+	HC506ZX+	<b>Int. Csg:</b>	\$ -	<b>Day Rate:</b>	\$ 22,000							
<b>Gel:</b>	8/24	<b>SPM:</b>		<b>MFG:</b>	HTC	HTC	<b>Prod Csg:</b>	\$ -	<b>Rental Tools:</b>	\$ 2,280							
<b>WL:</b>	12.8	<b>GPM:</b>	402	<b>S/N:</b>	7116462	7114782	<b>Float Equip:</b>	\$ -	<b>Trucking:</b>	\$ -							
<b>Cake:</b>	2	<b>Press:</b>	1900	<b>Jets:</b>	6 X 16	6 X 16	<b>Well Head:</b>	\$ -	<b>Water:</b>	\$ -							
<b>Solids:</b>	10	<b>AV DC:</b>	337	<b>TD Out:</b>	11,939		<b>TBG/Rods:</b>	\$ -	<b>Fuel:</b>	\$ -							
<b>MBT:</b>	12.5	<b>AV DP:</b>	205	<b>Depth In:</b>	10,836	11,939	<b>Packers:</b>	\$ -	<b>Camp Cost:</b>	\$ 398							
<b>PH :</b>	7.9	<b>JetVel:</b>	109	<b>FTG:</b>	1,103		<b>Tanks:</b>	\$ -	<b>Logging:</b>	\$ -							
<b>Pf/Mf:</b>	.00//3.90	<b>ECD:</b>	10.6	<b>Hrs:</b>	47 1/2		<b>Separator:</b>	\$ -	<b>Cement:</b>	\$ -							
<b>Chlor:</b>	2600	<b>SPR #1 :</b>	40SPM@200	<b>FPH:</b>	23.2		<b>Heater:</b>	\$ -	<b>Bits:</b>	\$ -							
<b>Ca :</b>	40	<b>SPR #2 :</b>	40SPM@220	<b>WOB:</b>	20/30		<b>Pumping L/T:</b>	\$ -	<b>Mud Motors:</b>	\$ -							
<b>Dapp ppb:</b>	5	<b>Btm.Up:</b>	55 MIN	<b>R-RPM:</b>	55/75		<b>Prime Mover:</b>	\$ -	<b>Corrosion:</b>	\$ -							
<b>Time Break Down:</b>			<b>Total D.T.</b>			<b>M-RPM:</b>			<b>N/A</b>			<b>Misc:</b>			<b>\$ -</b>		
<b>START</b>	<b>END</b>	<b>TIME</b>				<b>Total Rot. Hrs:</b>			<b>268.5</b>			<b>Daily Total:</b>			<b>\$ -</b>		
6:00	16:30	10.50	Rotary drill 7-7/8" hole from 11,684 to 11,907 ft. 223 ft at 21.2 fph.						<b>Misc. / Labor:</b>						<b>\$ 5,799</b>		
16:30	17:00	0.50	Rig service.						<b>Csg. Crew:</b>						<b>\$ -</b>		
17:00	18:00	1.00	Rotary drill 7-7/8" hole from 11,907 to 11,916 ft. 9 ft at 9.0 fph.						<b>Daily Total:</b>						<b>\$ 35,809</b>		
18:00	23:30	5.50	Rotary drill 7-7/8" hole from 11,916 to 11,939 ft. 23 ft at 4.2 fph.						<b>Cum. Wtr:</b>						<b>\$ 28,661</b>		
23:30	00:30	1.00	Mix and pump slug. Drop survey.						<b>Cum. Fuel:</b>						<b>\$ 70,716</b>		
00:30	05:00	4.50	Pull out of hole. No problems. Check for flow before pulling BHA. No flow.						<b>Cum. Bits:</b>						<b>\$ 30,943</b>		
			Change bits. Recover survey tool. Check float.						<b>BHA</b>								
05:00	06:00	1.00	Run in hole with BHA.						<b>BIT</b>	7 7/8"	1.00						
									<b>1-BIT SUB</b>	6 1/4"	3.78						
			Note: Day Tour held BOP drill in 2 min.						<b>21-DCS</b>	6 1/4"	637.68						
			<b>WASATCH 5587'</b>														
			<b>MEASVERDE 9427'</b>														
			<b>CASTLEGATE 11,937'</b>														
			<b>DESERT 12,137'</b>														
			<b>KENILWORTH 12,357'</b>														
			<b>TD 13,027'</b>														
			<b>24.00</b>														
<b>P/U</b>	270 K#	<b>LITH:</b>				<b>Mud Cleaner YES</b>				<b>BKG GAS 4800</b>							
<b>S/O</b>	205 K#	<b>FLARE: 2' TO 4' FLARE While Drilling</b>				<b>Gas Buster YES</b>				<b>CONN GAS 5500</b>							
<b>ROT.</b>	245 K#	<b>LAST CSG.RAN: 8 5/8" SET @</b>				<b>3553' KB</b>				<b>PEAK GAS 5900</b>							
<b>FUEL</b>	<b>Used:</b> 1856	<b>On Hand:</b> 6,029				<b>Co.Man Bob Hosfield</b>				<b>TRIP GAS N/A</b>							
<b>BIT #</b>	6	<b>ICS</b>	<b>OCS</b>	<b>DC</b>	<b>LOC</b>	<b>B/S</b>	<b>G</b>	<b>ODC</b>	<b>RP</b>								
<b>CONDITION</b>	3	4	WC	All	NA	1/32	CC	PR									





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

**CONFIDENTIAL**  
43-047-37621  
19 95 19e

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 13,088'		Prog.Depth 13,027 ft		DATE 9/15/07		DAYS: 18		
Current: Operations:		Pull out of hole for new bit.								
Depth: 12390'		Prog: 247		D Hrs: 20 1/2		AV ROP: 12.0		Formation: SUNNYSIDE		
DMC: \$4,291		TMC: \$66,025				TDC: \$32,224		CWC: \$1,170,859		
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST		
MW:	10.4	#1 PZ-9	3.7 gpm	Bit #:	7	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	42	SPM:	109	Size:	7 7/8"	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	12/15	#2 PZ-9	3.7 gpm	Type:	HC506ZX+	Int. Csg:	\$ -	Day Rate:	\$ 22,000	
Gel:	8/27	SPM:		MFG:	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 2,280	
WL:	15.2	GPM:	402	S/N:	7114782	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	2	Press:	1900	Jets:	6 X 16	Well Head:	\$ -	Water:	\$ -	
Solids:	10	AV DC:	337	TD Out:	12,390	TBG/Rods:	\$ -	Fuel:	\$ -	
MBT:	12.5	AV DP:	205	Depth In:	11,939	Packers:	\$ -	Camp Cost:	\$ 255	
PH :	7.9	JetVel:	109	FTG:	451	Tanks:	\$ -	Logging:	\$ -	
Pf/Mf:	0.00/4.10	ECD:	10.6	Hrs:	36 1/2	Separator:	\$ -	Cement:	\$ -	
Chlor:	2900	SPR #1 :	40SPM@300	FPH:	12.4	Heater:	\$ -	Bits:	\$ -	
Ca :	40	SPR #2 :	40SPM@250	WOB:	18/30	Pumping LT:	\$ -	Mud Motors:	\$ -	
Dapp ppb:	5	Btm.Up:	56 MIN	R-RPM:	55/75	Prime Mover:	\$ -	Corrosion:	\$ -	
Time Break Down:			Total D.T.	M-RPM:	N/A	Misc:	\$ -	Consultant:	\$ 1,000	
START	END	TIME	Total Rot. Hrs:		305.0	Daily Total:	\$ -	Drilling Mud:	\$ 4,291	
06:00	18:00	12.00	Rotary drill 7-7/8" hole 12,143 to 12,288 ft. 145 ft at 12.1 fph.						Misc. / Labor:	\$ 2,398
18:00	02:30	8.50	Rotary drill 7-7/8" hole 12,288 to 12,390 ft. 102 ft at 12.0 fph.						Csg. Crew:	\$ -
			Bit quit drilling.						Daily Total:	\$ 32,224
02:30	03:00	0.50	Mix and pump slug. Drop survey.						Cum. Wtr:	\$ 28,661
03:00	06:00	3.00	Pull out of hole for new bit.						Cum. Fuel	\$ 70,716
			Currently at 5,100 ft.						Cum. Bits:	\$ 70,043
								<b>BHA</b>		
								BIT	7 7/8"	1.00
								1-BIT SUB	6 1/4"	3.78
								21-DCS	6 1/4"	637.68
								TOTAL BHA =		642.46
								Survey	1.7 °	11,892 ft
								Survey	2 3/4°	10806'
		24.00	Grassy	12,257'	TD	13,027'				
P/U		280 K#	LITH:	Wasatch	5,587'	Sunnyside	12,357'			
S/O		205 K#	FLARE:	Mesaverde	9,427'	Kenilworth	12,597'			
ROT.		250 K#	LAST CSG.RAN:	Castlegate	11,937'	Aberdeen	12,702'			
FUEL Used:		1449	On Hand:	Desert	12,137'	Spring Canyon	12,827'			
BIT #		7	ICS	Grassy	12,257'	TD	13,027'			
CONDITION			OCS							
			DC							
			LOC							
			B/S							
			G							
			ODC							
			RP							

Mud Cleaner		YES	BKG GAS	750 U
Gas Buster		YES	CONN GAS	1000 U
3553' KB			PEAK GAS	2000 U
Co.Man		Bob Hosfield	TRIP GAS	NA





# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/16/07		DAYS: 19			
Current: Operations:		<b>Run in hole with new bit.</b>									
Depth: 12392'		Prog: 2		D Hrs: 1		AV ROP: 2.0		Formation: <b>SUNNYSIDE</b>			
DMC: \$2,863		TMC: \$68,888				TDC: \$58,423		CWC: \$1,229,282			
Contractor: NABORS 270			Mud Co: M-I Drlg. Fluids			TANGIBLE COST		INTANGIBLE COST			
MW:	10.4	#1 PZ-9	3.7 gpm	Bit #:	7	8	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	40	SPM:	109	Size:	7 7/8"	7 7/8"	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	13/13	#2 PZ-9	3.7 gpm	Type:	HC506ZX+	XS44DSR	Int. Csg:	\$ -	Day Rate:	\$ 22,000	
Gel:	8/19	SPM:		MFG:	HTC	Security	Prod Csg:	\$ -	Rental Tools:	\$ 2,280	
WL:	15.6	GPM:	402	S/N:	7114782	10835965	Float Equip:	\$ -	Trucking:	\$ 5,940	
Cake:	2	Press:	1900	Jets:	6 X 16	3 x 22	Well Head:	\$ -	Water:	\$ -	
Solids:	10	AV DC:	337	TD Out:	12,390	12390	TBG/Rods:	\$ -	Fuel:	\$ 24,340	
MBT	12.5	AV DP:	205	Depth In:	11,939	12,392	Packers:	\$ -	Camp Cost:	\$ -	
PH :	8.0	JetVel:	109	FTG:	451	2	Tanks:	\$ -	Logging:	\$ -	
Pf/Mf:	0.00/4.00	ECD:	10.6	Hrs:	36 1/2	1	Separator:	\$ -	Cement:	\$ -	
Chlor:	2800	SPR #1 :	40SPM@300	FPH:	12.4	2.0	Heater:	\$ -	Bits:	\$ -	
Ca :	40	SPR #2 :	40SPM@250	WOB:	18/30	2/30	Pumping L/T:	\$ -	Mud Motors:	\$ -	
Dapp ppb:	5	Btm.Up:	56 MIN	R-RPM:	55/75	20/55	Prime Mover:	\$ -	Corrosion:	\$ -	
Time Break Down:				Total D.T.	M-RPM:	N/A	NA	Misc:	\$ -	Consultant:	\$ 1,000
START	END	TIME	Total Rot. Hrs:			306.0	Daily Total:	\$ -	Drilling Mud:	\$ 2,863	
06:00	08:30	2.50	Pull out of hole for new bit. Lay down bit and bit sub.						Misc. / Labor:	\$ -	
08:30	10:00	1.50	Check wear bushing. Change o-ring in rotating head bowl. FT BOP.						Csg. Crew:	\$ -	
10:00	16:00	6.00	Make up bit. Run in hole. Fill & break circ. At 3600', 6500' and 9500 ft.						Daily Total:	\$ 58,423	
16:00	17:00	1.00	Wash and ream 12,351 to 12,390 ft. No fill. No junk on bottom.						Cum. Wtr:	\$ 28,661	
17:00	18:00	1.00	Drill 2 ft of new hole.						Cum. Fuel	\$ 95,056	
18:00	22:30	4.50	Pump slug. Pull out of hole. No problems.						Cum. Bits:	\$ 70,043	
22:30	23:30	1.00	Change bit. Pick up 0.16 Mud motor and new bit.						<b>BHA</b>		
23:30	01:00	1.50	Run in hole to casing shoe.						BIT	7 7/8"	1.00
01:00	02:00	1.00	Slip and cut 100 ft drilling line.						0.16 M M	6 1/2"	35.54
02:00	06:00	4.00	Run in hole. Fill and break circulation at 3600, 6600, and 9500 ft.						21-DCS	6 1/4"	637.68
			Currently at 10,900 ft.								
<b>RECEIVED</b>		Note: Clean out bit showed no signs of junk in hole.									
<b>SEP 17 2007</b>		Wasatch	5,587'	Sunnyside	12,357'						
		Mesaverde	9,427'	Kenilworth	12,597'						
D.V. OF OIL, GAS & MINING		Castlegate	11,937'	Aberdeen	12,702'						
		Desert	12,137'	Spring Canyon	12,827'						
		Grassy	12,257'	Manchos	12,957'	TD = 14,800'					
P/U	280 K#	LITH:	8 to 12 ft flare bottoms up.			Mud Cleaner	YES	BKG GAS	750 U		
S/O	205 K#	FLARE:	2' TO 4' FLARE While Drilling			Gas Buster	YES	CONN GAS	1000 U		
ROT.	250 K#	LAST CSG.RAN:	8 5/8"		SET @	3553' KB		PEAK GAS	2000 U		
FUEL	Used: 805	On Hand:	10,900		Co.Man	Bob Hosfield		TRIP GAS	2700 U		
BIT #	7	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION	3	4	WC	All	NA	1/32	Broken blade	PR			



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19		Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/17/07		DAYS: 20	
Current: Operations:		<b>Motor rotary drill 7-7/8" hole at 12,875 ft.</b>							
Depth: 12875'	Prog: 483	D Hrs: 20	AV ROP: 24.2	Formation: <b>SPRING CANYON</b>					
DMC: \$1,412		TMC: \$70,300		TDC: \$28,652		CWC: \$1,257,934			
Contractor: NABORS 270			Mud Co: M-I Drig. Fluids		TANGIBLE COST		INTANGIBLE COST		
MW: 10.7	#1 PZ-9 3.7 gpm	Bit #: 9	8	Conductor: \$ -	Loc.Cost: \$ -				
VIS: 45	SPM: 103	Size: 7 7/8"	7 7/8"	Surf. Csg: \$ -	Rig Move: \$ -				
PV/YP: 11/18	#2 PZ-9 3.7 gpm	Type: HC506ZX+	XS44DSR	Int. Csg: \$ -	Day Rate: \$ 22,000				
Gel: 10/30	SPM:	MFG: HTC	Security	Prod Csg: \$ -	Rental Tools: \$ 2,280				
WL: 19.6	GPM: 381	S/N: 7115954	10835965	Float Equip: \$ -	Trucking: \$ -				
Cake: 2	Press: 1900	Jets: 6 X 16	3 x 22	Well Head: \$ -	Water: \$ -				
Solids: 11	AV DC: 337	TD Out: Drilling	12390	TBG/Rods: \$ -	Fuel: \$ -				
MBT 12.5	AV DP: 205	Depth In: 12,392	12,392	Packers: \$ -	Camp Cost: \$ -				
PH : 8.0	JetVel: 109	FTG: 483	2	Tanks: \$ -	Logging: \$ -				
Pf/Mf: 0.00/4.30	ECD: 11.0	Hrs: 20	1	Separator: \$ -	Cement: \$ -				
Chlor: 2800	SPR #1: 40SPM@350	FPH: 24.2	2.0	Heater: \$ -	Bits: \$ -				
Ca : 40	SPR #2: 40SPM@300	WOB: 18/24	2/30	Pumping L/T: \$ -	Mud Motors: \$ 1,960				
Dapp ppb: 4.5	Btm.Up: 58 MIN	R-RPM: 45/55	20/55	Prime Mover: \$ -	Corrosion: \$ -				
Time Break Down:		Total D.T. 0.5	M-RPM: 60/61	NA	Misc: \$ -	Consultant: \$ 1,000			
START	END	TIME	Total Rot. Hrs: 326.0		Daily Total: \$ -	Drilling Mud: \$ 1,412			
06:00	07:00	1.00	Run in hole with bit No. 9 to 12,351 ft. No problems.				Misc. / Labor: \$ -		
07:00	09:00	2.00	Wash and ream 12,351 to 12,393 ft. Break in bit.				Csg. Crew: \$ -		
09:00	16:00	7.00	Motor rotary drill 7-7/8" hole 12,392 to 12,511 ft. 119 ft at 17.0 fph.				Daily Total: \$ 28,652		
16:00	16:30	0.50	Rig service.				Cum. Wtr: \$ 28,661		
16:30	18:00	1.50	Motor rotary drill 7-7/8" hole 12,511 to 12,542 ft. 31 ft at 20.7 fph.				Cum. Fuel \$ 95,056		
18:00	20:00	2.00	Motor rotary drill 7-7/8" hole 12,542 to 12,595 ft. 53 ft at 26.5 fph.				Cum. Bits: \$ 70,043		
20:00	20:30	0.50	Replace O-Ring in mud line.						
20:30	06:00	9.50	Motor rotary drill 7-7/8" hole 12,595 to 12,875 ft. 280 ft at 29.5 fph.				<b>BHA</b>		
						BIT	7 7/8"	1.00	
						0.16 M M	6 1/2"	35.54	
						21-DCS	6 1/4"	637.68	
<b>RECEIVED</b>									
<b>SEP 17 2007</b>									
DIV. OF OIL, GAS & MINING									
			Wasatch	5,587'	Sunnyside	12,357'			
			Mesaverde	9,427'	Kenilworth	12,597'			
			Castlegate	11,937'	Aberdeen	12,702'			
			Desert	12,137'	Spring Canyon	12,827'			
		24.00	Grassy	12,257'	Manchos	12,957'	TD = 14,800'		
						<b>TOTAL BHA = 674.22</b>			
						Survey	1 3/4°	12,361 ft	
						Survey	1.7 °	11,892 ft	
P/U	285 K#	LITH:	8 to 12 ft flare bottoms up.		Mud Cleaner	YES	BKG GAS	1,300 U	
S/O	220 K#	FLARE:	2' TO 4' FLARE While Drilling		Gas Buster	YES	CONN GAS	1,650 U	
ROT.	250 K#	LAST CSG.RAN:	8 5/8"	SET @	3553' KB		PEAK GAS	1,800 U	
FUEL	Used: 1364	On Hand:	10,900		Co.Man	Bob Hosfield	TRIP GAS	2,830 U	
BIT #	8	ICS	OCS	DC	LOC	B/S	G	ODC	
CONDITION	2	3	None	All	2E	IG	None	BHA	



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/18/07		DAYS: 21			
Current: Operations:			<b>Motor rotary drill 7-7/8" hole at 13,579 ft.</b>									
Depth: 13579'		Prog: 704		D Hrs: 24		AV ROP: 29.3		Formation: <b>UPPER MANCHOS</b>				
DMC: \$5,945			TMC: \$76,245			TDC: \$52,002		CWC: \$1,309,936				
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST		INTANGIBLE COST		
MW:	10.7	#1 PZ-9 3.7 gpm		Bit #:	9		Conductor:	\$ -		Loc, Cost:	\$ -	
VIS:	40	SPM: 101		Size:	7 7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -	
PV/YP:	10/18	#2 PZ-9 3.7 gpm		Type:	HC506ZX+		Int. Csg:	\$ -		Day Rate:	\$ 22,000	
Gel:	10/27	SPM:		MFG:	HTC		Prod Csg:	\$ -		Rental Tools:	\$ 2,280	
WL:	15.6	GPM: 374		S/N:	7115954		Float Equip:	\$ -		Trucking:	\$ -	
Cake:	2	Press: 2400		Jets:	6 X 16		Well Head:	\$ -		Water:	\$ -	
Solids:	11.5	AV DC: 312		TD Out:	Drilling		TBG/Rods:	\$ -		Fuel:	\$ -	
MBT	12.5	AV DP: 190		Depth In:	12,392		Packers:	\$ -		Camp Cost:	\$ 425	
PH :	8.0	JetVel: 101		FTG:	1,187		Tanks:	\$ -		Logging:	\$ -	
Pf/Mf:	0.00/4.80	ECD: 11.1		Hrs:	44		Separator:	\$ -		Cement:	\$ -	
Chlor:	2800	SPR #1 : 40SPM@350		FPH:	27.0		Heater:	\$ -		Bits:	\$ 18,000	
Ca :	40	SPR #2 : 40SPM@300		WOB:	18/28		Pumping L/T:	\$ -		Mud Motors:	\$ 2,352	
Dapp ppb:	5.25	Btm.Up: 58 MIN		R-RPM:	45/55		Prime Mover:	\$ -		Corrosion:	\$ -	
Time Break Down:			Total D.T.		M-RPM:		Misc:		Consultant:			
START	END	TIME	0.5		Total Rot. Hrs:		350.0		Daily Total:		\$ -	
06:00	18:00	12.00	Motor rotary drill 7-7/8" hole 12,875 to 13,273 ft. 398 ft at 33.2 fph.								Misc. / Labor:	\$ -
18:00	06:00	12.00	Motor rotary drill 7-7/8" hole 13,273 to 13,579 ft. 306 ft at 25.5 fph.								Csg. Crew:	\$ -
											Daily Total:	\$ 52,002
											Cum. Wtr:	\$ 28,661
											Cum. Fuel	\$ 95,056
											Cum. Bits:	\$ 70,043
<b>BHA</b>												
			BIT		7 7/8"				1.00			
			0.16 M M		6 1/2"				35.54			
			21-DCS		6 1/4"				637.68			
			Wasatch		5,587'		Sunnyside		12,357'			
			Mesaverde		9,427'		Kenilworth		12,597'			
			Castlegate		11,937'		Aberdeen		12,702'			
			Desert		12,137'		Spring Canyon		12,827'			
		24.00	Grassy		12,257'		Manchos		12,957'		TD = 14,800'	
P/U	300 K#		LITH:				Mud Cleaner		YES		BKG GAS	1,300 U
S/O	225 K#		FLARE: 2' TO 4' FLARE While Drilling				Gas Buster		YES		CONN GAS	1,650 U
ROT.	250 K#		LAST CSG.RAN: 8 5/8" SET @				3553' KB				PEAK GAS	2,500 U
FUEL	Used: 1561		On Hand: 7,975		Co.Man		Bob Hosfield				TRIP GAS	NA
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP				
<b>CONDITION</b>												













# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 14,800'			Prog.Depth 14,800 ft.			DATE 9/26/07			DAYS: 29		
Current: Operations:			<b>Rig up Weatherford Casing Crew.</b>											
Depth: 14800'		Prog: 0		D Hrs: 0		AV ROP:		#DIV/O!		Formation: <b>MIDDLE MANCHOS</b>				
DMC: \$10,579		TMC: \$127,834				TDC: \$37,735		CWC: \$1,643,738						
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST			INTANGIBLE COST			
MW:	10.9	#1 PZ-9 3.7 gps		Bit #:		Conductor:		\$ -	Loc, Cost:		\$ -			
VIS:	42	SPM:		Size:		Surf. Csg:		\$ -	Rig Move:		\$ -			
PVYP:	14/26	#2 PZ-9 3.7 gps		Type:		Int. Csg:		\$ -	Day Rate:		\$ 22,000			
Gel:	14/32/39	SPM: 94		MFG:		Prod Csg:		\$ -	Rental Tools:		\$ 1,710			
WL:	18.5	GPM: 348		S/N:		Float Equip:		\$ -	Trucking:		\$ -			
Cake:	2	Press: 1100		Jets:		Well Head:		\$ -	Water:		\$ 2,446			
Solids:	11	AV DC: 291		TD Out:		TBG/Rods:		\$ -	Fuel:		\$ -			
MBT:	12.5	AV DP: 177		Depth In:		Packers:		\$ -	Camp Cost:		\$ -			
PH :	7.7	JetVel: 94		FTG:		Tanks:		\$ -	Logging:		\$ -			
Pf/Mf:	0.00/3.50	ECD: 11.5		Hrs:		Separator:		\$ -	Cement:		\$ -			
Chlor:	2500	SPR #1: 40SPM@400		FPH:	#DIV/O!	Heater:		\$ -	Bits:		\$ -			
Ca :	20	SPR #2: 40SPM@500		WOB:		Pumping L/T:		\$ -	Mud Motors:		\$ -			
Dapp ppb:	5.2	Btm.Up: 80		R-RPM:		Prime Mover:		\$ -	Corrosion:		\$ -			
Time Break Down:			Total D.T.		M-RPM:		NA		Misc:		\$ -			
START	END	TIME	0.5		Total Rot. Hrs:		469.5		Daily Total:		\$ -			
06:00	07:00	1.00	Precautionary wash and ream 14,695 to 14,800 ft. 5 ft of soft fill.									Misc. / Labor:		\$ -
07:00	13:00	6.00	Circulate out gas and condition hole to lay down drill string while waiting on lay down machine from Weatherford - Grand Junction, Colorado.									Csg. Crew:		\$ -
												Daily Total:		\$ 37,735
13:00	14:30	1.50	Held pre-job and safety meeting. Rig up Weatherford lay down machine.									Cum. Wtr:		\$ 32,916
14:30	03:30	13.00	Lay down drill string - drill pipe and drill collars. Break down kelly.									Cum. Fuel		\$ 108,884
03:30	04:00	0.50	Pull wear bushing.									Cum. Bits:		\$ 70,043
04:00	06:00	2.00	Held pre-job and safety meeting. Rig up Weatherford casing crew.									<b>BHA</b>		
			Note: Waited 2 hours waiting on lay down machine out of Grand Junction.											
			<b>RECEIVED</b>											
			<b>SEP 26 2007</b>											
			DIV. OF OIL, GAS & MINING											
			Wasatch 5,587'		Sunnyside 12,357'									
			Mesaverde 9,427'		Kenilworth 12,597'									
			Castlegate 11,937'		Aberdeen 12,702'						TOTAL BHA = 0.00			
			Desert 12,137'		Spring Canyon 12,827'						Survey 1 3/4° 12,361 ft			
			Grassy 12,257'		Manchos 12,957'		TD = 14,800'				Survey 2 1/4° 14,716 ft			
P/U	K#	LITH:				Mud Cleaner		NO		BKG GAS		3,500 U		
S/O	K#	FLARE: 4 to 6 ft.				Gas Buster		YES		CONN GAS		NA		
ROT.	K#	LAST CSG.RAN: 8 5/8"				SET @		3553' KB		PEAK GAS		4,800 U		
FUEL	Used:	862		On Hand: 3,885		Co.Man		Bob Hosfield		TRIP GAS		3,890 U		
BIT #		ICS	OCS	DC	LOC	B/S	G	ODC	RP					
<b>CONDITION</b>														



# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/27/07		DAYS: 30		
Current: Operations:			<b>NIPPLE DOWN,CLEAN MUD TANKS</b>								
Depth: 14800'		Prog: 0		D Hrs: 0		AV ROP: #DIV/0!		Formation: <b>MANCOS</b>			
DMC: \$1,324		TMC: \$129,158				TDC: \$523,226		CWC: \$2,166,964			
Contractor: NABORS 270				Mud Co: M-I Drig. Fluids				TANGIBLE COST		INTANGIBLE COST	
MW:	10.9	#1 PZ-9 3.7 gps		Bit #:		Conductor:	\$ -	Loc.Cost:	\$ -		
VIS:	38	SPM:		Size:		Surf. Csg:	\$ -	Rig Move:	\$ -		
PVYP:	10/18	#2 PZ-9 3.7 gps		Type:		Int. Csg:	\$ -	Day Rate:	\$ 175,000		
Gel:	12/28/34	SPM:		MFG:		Prod Csg:	\$ 241,011	Rental Tools:	\$ 1,710		
WL:	16.4	GPM:		S/N:		Float Equip:	\$ -	Trucking:	\$ -		
Cake:	2	Press:		Jets:		Well Head:	\$ 1,904	Water:	\$ -		
Solids:	11	AV DC:		TD Out:		TBG/Rods:	\$ -	Fuel:	\$ -		
MBT:	12.5	AV DP:		Depth In:		Packers:	\$ -	Camp Cost:	\$ 440		
PH :	7.8	JetVel:		FTG:		Tanks:	\$ -	Logging:	\$ -		
Pf/Mf:	0.00/3.80	ECD:		Hrs:		Separator:	\$ -	Cement:	\$ 71,880		
Chlor:	2500	SPR #1 :		FPH:	#DIV/0!	Heater:	\$ -	Bits:	\$ -		
Ca :	20	SPR #2 :		WOB:		Pumping L/T:	\$ -	Mud Motors:	\$ -		
Dapp ppb:	5.1	Btm.Up: 80		R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -		
Time Break Down:			Total D.T. 0.5		M-RPM: NA		Misc: \$ -		Consultant: \$ 1,000		
START	END	TIME	Total Rot. Hrs: 469.5		Daily Total: \$ 242,915		Drilling Mud: \$ 1,324		Misc. / Labor: \$ 402		
06:00	07:00	1.00	CONT. TO RIG UP WEATHERFORD CASING EQUIP.							Csg. Crew: \$ 28,555	
07:00			RUN 348 JNTS 4 1/2" P110 15.1# CASING SET @ 14791' GL,TAG BOTTEM							Daily Total: \$ 523,226	
	20:00	13.00	INSTALL CASING HANGER,RIG DOWN CASING EQUIP.							Cum. Wtr: \$ 32,916	
20:00	22:00	2.00	CIRC OUT GAS CONDITION HOLE FOR CEMENT							Cum. Fuel \$ 108,884	
22:00	23:00	1.00	HOLD SAFTEY MEETING, RIG UP SCHU. CEMENTERS							Cum. Bits: \$ 82,043	
23:00	01:30	2.50	CEMENT 4 1/2" CASING W/20 BBLs CW 100 SPACER FOLLOWED BY								
			815 SKS CLASS "G" CEMENT W/ADDITIVES MIXED @ 11.0 PPG W/3.06							<b>BHA</b>	
			CUFT/SK YEILD FOLLOWED 1400 SKS 50/50 POZ CEMENT W/ADD.								
			MIXED @ 14.1 PPG W/1.53 CUFT/SK YIELD,WASH UP, DROP PLUG								
			DISPLACE W/209 BBLs KCL H2O BUMP PLUG TO 4550 PSI BLEED OFF								
			FLOATS HELD, NO CEMENT TO SURFACE,RIG DOWN CEMENTERS								
01:30	02:00	0.50	HANG OFF CASING W/145K ON HANGER								
02:00	06:00	4.00	NIPPLE DOWN,CLEAN MUD TANKS								
			NOTE:RIG RELEASE TIME WILL BE ON 9/28/2007 REPORT								
			Desatch 5,587'		Sunnyside 12,357'						
			Mesaverde 9,427'		Kenilworth 12,597'						
			Castlegate 11,937'		Aberdeen 12,702'						
			Desert 12,137'		Spring Canyon 12,827'						
			Grassy 12,257'		Mancos 12,957'		TD = 14,800'				
P/U		K#	LITH:				Mud Cleaner	NO	BKG GAS 3,500 U		
S/O		K#	FLARE: 15 to 20 ft. ON TRIP GAS				Gas Buster	YES	CONN GAS NA		
ROT.		K#	LAST CSG.RAN: 8 5/8" SET @				3553' KB	PEAK GAS 4,800 U			
FUEL Used:		515	On Hand: 3,370		Co.Man Floyd Mitchell		TRIP GAS 3,890 U				
BIT #		ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>											

RECEIVED  
SEP 26 2007

RECEIVED  
SEP 27 2007

DIV. OF OIL, GAS & MINING

DIV. OF OIL, GAS & MINING  
24.00



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/28/07		DAYS: 31		
Current: Operations:			<b>RIG DOWN</b>								
Depth: 14800'		Prog: 0		D Hrs: 0		AV ROP:		#DIV/0!		Formation: <b>MANCOS</b>	
DMC: \$0		TMC: \$129,158				TDC: \$24,266		CWC: \$2,191,230			
Contractor: NABORS 270				Mud Co: M-I Drlg. Fluids				TANGIBLE COST		INTANGIBLE COST	
MW:	10.9	#1 PZ-9 3.7 gps		Bit #:		Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	38	SPM:		Size:		Surf. Csg:	\$ -	Rlg Move:	\$ -		
PVYP:	10/18	#2 PZ-9 3.7 gps		Type:		Int. Csg:	\$ -	Day Rate:	\$ 18,500		
Gel:	12/28/34	SPM:		MFG:		Prod Csg:	\$ -	Rental Tools:	\$ -		
WL:	16.4	GPM:		S/N:		Float Equip:	\$ -	Trucking:	\$ -		
Cake:	2	Press:		Jets:		Well Head:	\$ -	Water:	\$ -		
Solids:	11	AV DC:		TD Out:		TBG/Rods:	\$ -	Fuel:	\$ -		
MBT:	12.5	AV DP:		Depth In:		Packers:	\$ -	Camp Cost:	\$ -		
PH:	7.8	JetVel:		FTG:		Tanks:	\$ -	Logging:	\$ -		
Pf/Mf:	0.00/3.80	ECD:		Hrs:		Separator:	\$ -	Cement:	\$ -		
Chlor:	2500	SPR #1:		FPH:	#DIV/0!	Heater:	\$ -	Bits:	\$ -		
Ca:	20	SPR #2:		WOB:		Pumping L/T:	\$ -	Mud Motors:	\$ -		
Dapp ppb:	5.1	Btm.Up: 80		R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -		
Time Break Down:			Total D.T.		M-RPM: NA		Misc: \$ -		Consultant: \$ 1,000		
START	END	TIME	0.5		Total Rot. Hrs: 469.5		Daily Total: \$ -		Drilling Mud: \$ -		
06:00	18:00	12.00	RIG DOWN FLOOR & BACK END, LAY OVER DERRICK & UNSTRING						Misc. / Labor: \$ 4,766		
			PREPARE RIG FOR TRUCKS, SOME TRUCKS TODAY THE REST OF						Csg. Crew: \$ -		
			THE TRUCKS & CRANES WILL BE HERE SATURDAY @ 07:00						Daily Total: \$ 24,266		
									Cum. Wtr: \$ 32,916		
									Cum. Fuel \$ 108,884		
			NOTE: RIG RELEASED @ 08:00 9/27/2007						Cum. Bits: \$ 82,043		
<b>BHA</b>											
<b>RECEIVED</b>											
<b>SEP 27 2007</b>											
DIV. OF OIL, GAS & MINING											
			Wasatch	5,587'	Sunnyside	12,357'					
			Mesaverde	9,427'	Kenilworth	12,597'					
			Castlegate	11,937'	Aberdeen	12,702'					
			Desert	12,137'	Spring Canyon	12,827'					
		12.00	Grassy	12,257'	Mancos	12,957'	TD = 14,800'	TOTAL BHA = 0.00			
							Survey	1 3/4°	12,361 ft		
							Survey	2 1/4°	14,716 ft		
P/U	K#	LITH:				Mud Cleaner		BKG GAS			
S/O	K#	FLARE:				Gas Buster		CONN GAS			
ROT.	K#	LAST CSG.RAN:		4 1/2"	SET @	14,791 GL		PEAK GAS			
FUEL	Used:	515	On Hand:		3,370	Co.Man		Floyd Mitchell		TRIP GAS	
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
<b>CONDITION</b>											



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
43-0A7-37621  
1995 19e

RKB = 27 FT

AFE # 40121

GPS: N40°01'17.5" W109°49'31.0"

Well: Fed 21-19-9-19			Per.Depth 14,800'		Prog.Depth 14,800 ft.		DATE 9/29/07		DAYS: 32			
Current: Operations:			<b>RIG DOWN, FINAL REPORT</b>									
Depth: 14800'		Prog: 0		D Hrs: 0		AV ROP: #DIV/0!		Formation: <b>MANCOS</b>				
DMC: \$0		TMC: \$129,158				TDC: \$19,500		CWC: \$2,210,730				
Contractor: NABORS 270				Mud Co: M-I Drig. Fluids				TANGIBLE COST		INTANGIBLE COST		
MW:		#1 PZ-9 3.7 gps		Bit #:		Conductor:	\$ -	Loc. Cost:	\$ -			
VIS:		SPM:		Size:		Surf. Csg:	\$ -	Rig Move:	\$ -			
PV/YP:		#2 PZ-9 3.7 gps		Type:		Int. Csg:	\$ -	Day Rate:	\$ 18,500			
Gel:		SPM:		MFG:		Prod Csg:	\$ -	Rental Tools:	\$ -			
WL:		GPM:		S/N:		Float Equip:	\$ -	Trucking:	\$ -			
Cake:		Press:		Jets:		Well Head:	\$ -	Water:	\$ -			
Solids:		AV DC:		TD Out:		TBG/Rods:	\$ -	Fuel:	\$ -			
MBT		AV DP:		Depth In:		Packers:	\$ -	Camp Cost:	\$ -			
PH :		JetVel:		FTG:		Tanks:	\$ -	Logging:	\$ -			
Pf/Mf:		ECD:		Hrs:		Separator:	\$ -	Cement:	\$ -			
Chlor:		SPR #1 :		FPH:	#DIV/0!	Heater:	\$ -	Bits:	\$ -			
Ca :		SPR #2 :		WOB:		Pumping L/T:	\$ -	Mud Motors:	\$ -			
Dapp ppb:		Btm.Up: 80		R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -			
Time Break Down:			Total D.T.		M-RPM: NA		Misc: \$ -		Consultant: \$ 1,000			
START	END	TIME	0.5		Total Rot. Hrs: 469.5		Daily Total: \$ -		Drilling Mud: \$ -			
06:00	18:00	12.00	RIG DOWN, MAN CAMPS AND SET UP, MOVE ALL PIPE TUBS, PITS ETC.						Misc. / Labor: \$ -			
			SUB & DERRICK LEFT ON LOCATION, BOTH CRANES TODAY						Csg. Crew: \$ -			
									Daily Total: \$ 19,500			
									Cum. Wtr: \$ 32,916			
									Cum. Fuel \$ 108,884			
			NOTE: THIS IS THE FINAL REPORT FOR THIS WELL						Cum. Bits: \$ 82,043			
<b>BHA</b>												
			Wasatch	5,587'	Sunnyside	12,357'						
			Mesaverde	9,427'	Kenilworth	12,597'						
			Castlegate	11,937'	Aberdeen	12,702'				TOTAL BHA = 0.00		
			Desert	12,137'	Spring Canyon	12,827'				Survey 1 3/4° 12,361 ft		
		12.00	Grassy	12,257'	Mancos	12,957'	TD = 14,800'			Survey 2 1/4° 14,716 ft		
P/U	K#	LITH:				Mud Cleaner			BKG GAS			
S/O	K#	FLARE:				Gas Buster			CONN GAS			
ROT.	K#	LAST CSG.RAN: 4 1/2"				SET @ 14,791 GL			PEAK GAS			
FUEL Used:	515	On Hand: 3,370				Co.Man Floyd Mitchell			TRIP GAS			
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP				
<b>CONDITION</b>												



**CONFIDENTIAL**



4400-B WEST ADMIRAL DOYLE DRIVE • NEW IBERIA, LOUISIANA 70560 • 337-364-2322 • FAX: 337-364-1667

43-047-37621  
19 95 19e

October 1, 2007

State of Utah  
Division of Oil, Gas, and Mining  
1594 West Temple North Suite 1210  
Salt Lake City, Utah 84114-5801

**Re: Well Information - FEDERAL 21-19-9-19**

Enclosed with this letter are Mudlogs, and an Evaluation for the FEDERAL 21-19-9-19 well. The following copies are included, as per your instructions:

<i>Description</i>	<i>Copies</i>
Mudlog (1" MD)	1

I would like to take this opportunity to thank you for the confidence you have shown in our organization by allowing us to assist you on these important projects. If I can be of any future assistance, please do not hesitate to call me at your convenience.

Most sincerely,

Kevin Romey  
Gulf Coast DML Manager  
337-364-2322 - Office  
337-519-8428 - Cellular

RECEIVED

OCT 02 2007

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.*

**CONFIDENTIAL**

**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 (Leasing, Sec., T., R., M., or Survey Description)  
 828' ENL & 2085' FWL NE NW Section 19-T9S-R19E

Lease Serial No  
 UTU-76033

6 If Indian, Allottee, or Tribe Name  
 NA

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

8 Well Name and No  
 Federal 21-19-9-19

9 API Well No  
 43-047-37621

10 Field and Pool, or Exploratory Area  
 Riverbend

11 County or Parish, State  
 Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<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"/> 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 type="checkbox"/> Water Disposal	

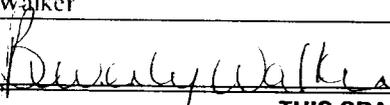
13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 on 10/28/07*

14 I hereby certify that the foregoing is true and correct

Name (Printed Name)  
 Beverly Walker

Title  
 Engineering Technician

Signature  


Date  
 October 30, 2007

**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, agency, or officer of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

NOV 02 2007



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)  
**828' FNL & 2085' FWL NE NW Section 19-T9S-R19E**

**CONFIDENTIAL**

5. Lease Serial No.  
**UTU-76033**

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

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

8. Well Name and No.  
**Federal 21-19-9-19**

9. API Well No.  
**43-047-37621**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<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 checked="" type="checkbox"/> Other	<b>EFM Meter</b>
	<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 sundry is being sent to inform you that we will be using a Ferguson Beauregard EFM (Model 3500) to measure production from this well and will be considered as the point of sale for gas produced from this well. A temperature probe has been installed for gas measurement purposes. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.*

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: **11/2/07**  
By: *[Signature]*

Federal Approval Of This  
Action Is Necessary

COPY SENT TO OPERATOR  
Date: **11-05-07**  
Initials: **CHD**

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

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

Signature *[Signature]* Date **October 30, 2007**

**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 office of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**NOV 02 2007**

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

RECEIVED

GASCO Production Company

NOV 19 2007

DIV. OF OIL, GAS & MINING

Lease: Federal 21-19-9-19  
Legal: NE NW Sec 19, T9S, R19 E  
Uinta County, UT  
API: 43-047-37621

---

Drlg CWC: \$ 2,210,730  
Battery and const est: DC \$ CC \$ 2,320,355  
TOC inside surface csg.

**Completion: Mancos**

- 10/22/07 WHI installed 10k tbg head.
- 10/23/07 RU B&C. Psi tested csg to 10,000 psi, ok. MIRU Halliburton frac (Rock Springs). MIRU Stinger wellhead isolation tool. MIRU JW Wireline to perf stg 1. Couldn't RU, Stinger crane in the way. Will perf @ 5:00 AM. (SCE)
- 10/24/07 RU JW Wireline, perforate Mancos Stage 1 with 2 3/4" gun as follows: 14284-85, 14322-23, 14356-57, 14379-80, 14407-08, 14428-29, 14462-64, 14493-94, 14528-29, 14577-78, 14588-90. RU Halliburton and break down Stage 1 with 8355 psi at 4.7 BPM. Performed reverse step rate test, ISIP-7720#. Slickwater Hybrid Frac Stage 1 with 68,457 # of 30-50 Econoprop and 196,061 gal of slickwater and linear gell. ATP 9960 psi at 31-38 BPM. Well screened-out on .75 ppg sand. Flowed well back for 11 minutes on a 15/64 ck to pit. Resumed pumping 16 vis linear gell and finished pumping sand at 1 ppg. Final ISIP-7750 psi. Turned well on to flowback with a 10/64 choke.(JDL&JD)
- 10/25/07 Flowed well 8 hours and made 870 BF with 7500psi on a 12/64 ck. 3798 BLWTR. SWI at 4 AM. RIH with HES 12K FTFP and set at 14194'. Attempt to perforate, gun would not fire. POOH and found FTFP ball and top of plug stuck in setting tool. Drop ball and GIH with perf gun. Press test plug 3 times bled off to ISIP. Flow back 5 bbls, test again, no good. Perforate Mancos Stage 2 as follows: 13809-10, 13825-26, 13851-52, 13991-92, 14010-12, 14032-33, 14043-44, 14064-65, 14101-02, 14137-38, 14152-53, 14173-75. RIH with second HES 12K FTFP, started stacking out at 9000', ran very slowly to 14147, could not get any deeper, plug stuck, and set FTFP at 14147' Left well shut in for nite( JDL&JD)

10/26/07 Attempt to install Stinger wellhead protector, could not go in against 7500 psi pressure, wait 4 hours for new Stinger truck. RU Halliburton and break down Stage 2 with 8450psi at 4 BPM. Performed reverse step rate test ISIP-7480psi. 22/33 holes open. Hybrid Slickwater frac Mancos Stage 2 with 72,000# of 30-50 Econoprop using 169976 gal of Slickwater and 16 Vis linear gell. ATP 9994psi at 36 BPM. Lost 2 pumps. ISIP-7570 psi. Pull Stinger tool. RU JW wireline and set a Magnum 10K FTFP at 13463'. Test plug to 8200psi-OK. Perforate Mancos Stage 3 as follows: 13118-19, 13148-50, 13167-68, 13215-16, 13300-02, 13325-26, 13349-51, 13386-87, 13419-20, 13429-30. 3 SPF with a 2 3/4" 120 phase gun. Could not pump in. Flow well 5 minutes on a 15/64 choke, resumed pumping, broke at 6880 psi. Skipped acid and reverse step rate test. Hybrid Slickwater frac Mancos Stage 3 with 62625# of 30-50 Econoprop using 108329 gal of Slickwater and 16 Vis linear gell. ATP -8284psi at 39BPM. ISIP-6300psi. Turned well on with a 10/64 ck at 11:15PM Flowed well 7 3/4 hrs with 5825psi on a 12/64 choke and made 817 BF. TR-1687, BLWTR-11548 CC-\$2,760,859 (JDL)

10/28/07 Well flowing this A.M. on 16/64 choke @ 2550 psi, 49 bbl/hr rate , BW recovered 3556 bbl, BW, remain to recover 9684 bbl. "0" gas sold, there is no gas show at the flow back tank, MIRU CTS Coil Tbg Service to drill out plugs. RIH with 3.653 Chomper mill,+ Mud Motor + Jars + 1.75" Coil Tbg. Tag FTFP #3 207' high, Drill up plug no additional flow. RIH tag plug #2 204' high, drill up FTFP #2 had no additional flow. CTS checked on depth counter determined it was around 200' +/- high. RIH drill up FTFP #3 also tag high, no additional flow. RIH to 14448 to clean out fill, pmp Dn Tbg while POOH. Coil reeled to - 230' to verify 200' difference in depth. PBTD 14678. Zero gas to sales due to high pressure line. Turn well over to Pure Energy to flow back for night on 16/64 choke. 7:00 AM, 10/28/07, well flowing back w/ 1395 FCP, on 16/64" ck. Made 1608 BW in 21.75 hrs. TR 5164. BLWTR 8876. (JD) CC \$53,890.07

10/29/07 7:00 AM, 10/28. Well flowing back w/ 1125 FCP on 16/64" ck. Made 382 bbls in 24 hrs. TR 5546. BLWTR 8494.

### **Run TBG**

11/9/07 Fd 1400 FCP. MIRU Miles WS. Pump 20 bbl dn csg let sit to watch press. Well flowed back 15 bbl. Pump 50 bbl to watch press, well flowed back 45 bbl, did not stay dead. Turn well over to sales for night. SDFN. (JD) DC \$ 4,870 CC\$2,937,678

11/10/07 Finish RU Miles WS. Lay all pipe on racks to be ready for Monday. Leave well flowing to sales on a 18/64 choke for weekend SDFD. (JD) DC \$ 5,825 CC \$2,943,503

- 11/13/07 MIRU JW wireline . RIH 8K composite BP, and set @ 10,020'. Blow well down to pit. ND wellhead, NU 10K BOP + Washington head. Tally and RIH 3 5/8" Chomper bit + POBS + 1.87 I.D. X-Nipple + 2 3/8 tbg. Tag CBP @ 10,020'. Land tbg @ 9,970', 307 jnts. SDFN. (JD) DC \$13,496 CC \$2,956,999
- 11/14/07 Leveling pads for rig had sunk over night, had to RD Miles, repair and RU again. RU power swivel , RIH and drill up 8K CBP. Well pressured up to 4500 psi. Flow well to pit for 2 hrs recovered all water pumped and several plug pieces. Turn well over to sales for night FCP 3800 @ 1900 Mcf/day. (JD) DC \$5,960 CC \$2,962,959
- 11/15/07 Fd 4500 fcp. To high to RIH w/tbg. Turn well over to sales to bring press dn. SDFD. (JD) DC \$3,100 CC \$2,966,059
- 11/16/07 Fd 700 fcp/tp, blow tbg dn to pit to make sure POBS would hold. RIH tag plug, finish drill up CBP. Finish RIH land tbg @ 10,957'. SDFN. (JD) DC \$6,115 CC \$2,972,174
- 11/17/07 Fd 900 fcp. RIH w/ tbg, tag PBTB @ 14,647'. POOH. Land tbg in hanger, EOT 12,958' . ND Hydril + BOP. Drop ball, Pump 60 bbbls dn tbg to pump bit off. Turn well over to production. RD Miles WS. SDFN. (JD) DC \$6,075 CC \$2,978,231

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas  Dry  Other \_\_\_\_\_  
 b. Type of Completion:  New  Work Over  Deepen  Plug Back  Diff. Resrv.  
 Other \_\_\_\_\_

2. Name of Operator  
 Gasco Production Company

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

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

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
 At surface: **828' FNL & 2085' NE NW Section 19-T9S-R19E**

At top prod. interval reported below: **same**

At total depth: **same**

14. Date Spudded: **08/29/07**  
 15. Date T.D. Reached: **09/22/07**  
 16. Date Completed: **10/24/07**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**GL: 4850; KB: 4877**

18. Total Depth: MD 14800, TVD 14800  
 19. Plug Back T.D.: MD 14678, TVD 14678  
 20. Depth Bridge Plug Set: MD NA, TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**GR, DN, ILD, CBL, CNL**  
**mud**

22. Was well Directional?  No  Yes (Submit copy)  
 Was DST run?  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	40		Ready Mix		Circ to Surf	
12 1/4"	8 5/8 J-55	32#	0	3553		630 sx Class G		Circ to Surf	
7 7/8"	4 1/2 P110	13.5#	0	14791		815 sx Class G		Inside Surface	
						1400 sx 50/50 Poz			

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 3/4	14768							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	12985	14800	See Attached			
B) Blackhawk	12132	12985				
C) Mesaverde	9548	11918				
D) Dark Canyon	9365	9548				
E) Wasatch	5587	9365				

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

Depth Interval	Amount and type of Material
See Attached	

**RECEIVED**

**NOV 30 2007**

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

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
10/27/07	10/27/07	24	→	0	1,764	382			Flowing

Choke Size	Tbg Press Flwg St	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Well Status
16/64	SI	0	→	0	1,764	382		P

28a.

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

(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 F:

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	5,587	9,365	TD'd within the Mancos		
Dark Canyon	9,365	9,548			
Mesaverde	9,548	11,918			
Castlegate	11,918	12,132			
Blackhawk	12,132	12,985			
Mancos	12,985	14,800			

32 Additional remarks (include plugging procedure):

33 Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. 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) Matt Owens Title Engineer  
 Signature [Handwritten Signature] Date 12/21/07

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

**Federal 21-19-9-19**  
**Additional Information to Well Completion Report**

27. Perforation Record

Perforated Interval	Size	No. Hole	Perf. Status
14284-85; 14322-23; 14356-57; 14379-80; 14407-08; 14428-29; 14462-64; 14493-94; 14528-29; 14577-78; 14588-90	0.38	39	Open
13809-10; 13825-26; 13851-52; 13991-92; 14010-12; 14032-33; 14043-44; 14064-65; 14101-02; 14137-38; 14152-53; 14173-75	0.38	42	Open
13118-19; 13148-50; 13167-68; 13215-16; 13300-02; 13325-26; 13349-51; 13386-87; 13419-20; 13429-30	0.38	39	Open
	0.38		Open

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

Depth Interval	Amount and Type of Material
14284-14590	Hybrid Frac Stage 1 with 68,457# of 30/50 Econoprop and 196,061 gal of slickwater and linear gel
13809-14175	Hybrid Slickwater Frac Stage 2 with 72,000# of 30/50 Econoprop using 169,976 gal slickwater and 16 vis linear gel
13118-13430	Hybrid Slickwater Frac Stage 3 with 62,625# of 30/50 Econoprop using 108,329 gal of slickwater and 16 vis linear gel

**GASCO Production Company****RECEIVED****DEC 17 2007**

DIV. OF OIL, GAS &amp; MINING

Lease: **Federal 21-19-9-19**  
Legal: NE NW Sec 19, T9S, R19 E  
Uinta County, UT  
API: 43-047-37621

---

Drlg CWC: \$ 2,210,730  
Battery and const est: DC \$ CC \$ 2,320,355  
TOC inside surface csg.

**Completion: Mancos**

- 10/22/07 WHI installed 10k tbg head.
- 10/23/07 RU B&C. Psi tested csg to 10,000 psi, ok. MIRU Halliburton frac (Rock Springs). MIRU Stinger wellhead isolation tool. MIRU JW Wireline to perf stg 1. Couldn't RU, Stinger crane in the way. Will perf @ 5:00 AM. (SCE)
- 10/24/07 RU JW Wireline, perforate Mancos Stage 1 with 2 3/4" gun as follows: 14284-85, 14322-23, 14356-57, 14379-80, 14407-08, 14428-29, 14462-64, 14493-94, 14528-29, 14577-78, 14588-90. RU Halliburton and break down Stage 1 with 8355 psi at 4.7 BPM. Performed reverse step rate test, ISIP-7720#. Slickwater Hybrid Frac Stage 1 with 68,457 # of 30-50 Econoprop and 196,061 gal of slickwater and linear gell. ATP 9960 psi at 31-38 BPM. Well screened-out on .75 ppg sand. Flowed well back for 11 minutes on a 15/64 ck to pit. Resumed pumping 16 vis linear gell and finished pumping sand at 1 ppg. Final ISIP-7750 psi. Turned well on to flowback with a 10/64 choke.(JDL&JD)
- 10/25/07 Flowed well 8 hours and made 870 BF with 7500psi on a 12/64 ck. 3798 BLWTR. SWI at 4 AM. RIH with HES 12K FTFP and set at 14194'. Attempt to perforate, gun would not fire. POOH and found FTFP ball and top of plug stuck in setting tool. Drop ball and GIH with perf gun. Press test plug 3 times bled off to ISIP. Flow back 5 bbls, test again, no good. Perforate Mancos Stage 2 as follows: 13809-10, 13825-26, 13851-52, 13991-92, 14010-12, 14032-33, 14043-44, 14064-65, 14101-02, 14137-38, 14152-53, 14173-75. RIH with second HES 12K FTFP, started stacking out at 9000', ran very slowly to 14147', could not get any deeper, plug stuck, and set FTFP at 14147' Left well shut in for nite( JDL&JD)

10/26/07 Attempt to install Stinger wellhead protector, could not go in against 7500 psi pressure, wait 4 hours for new Stinger truck. RU Halliburton and break down Stage 2 with 8450psi at 4 BPM. Performed reverse step rate test ISIP-7480psi. 22/33 holes open. Hybrid Slickwater frac Mancos Stage 2 with 72,000# of 30-50 Econoprop using 169976 gal of Slickwater and 16 Vis linear gell. ATP 9994psi at 36 BPM. Lost 2 pumps. ISIP-7570 psi. Pull Stinger tool. RU JW wireline and set a Magnum 10K FTFP at 13463'. Test plug to 8200psi-OK. Perforate Mancos Stage 3 as follows: 13118-19, 13148-50, 13167-68, 13215-16, 13300-02, 13325-26, 13349-51, 13386-87, 13419-20, 13429-30. 3 SPF with a 2 3/4" 120 phase gun. Could not pump in. Flow well 5 minutes on a 15/64 choke, resumed pumping, broke at 6880 psi. Skipped acid and reverse step rate test. Hybrid Slickwater frac Mancos Stage 3 with 62625# of 30-50 Econoprop using 108329 gal of Slickwater and 16 Vis linear gell. ATP -8284psi at 39BPM. ISIP-6300psi. Turned well on with a 10/64 ck at 11:15PM Flowed well 7 3/4 hrs with 5825psi on a 12/64 choke and made 817 BF. TR-1687, BLWTR-11548 CC-\$2,760,859 (JDL)

10/28/07 Well flowing this A.M. on 16/64 choke @ 2550 psi, 49 bbl/hr rate , BW recovered 3556 bbl, BW, remain to recover 9684 bbl. "0" gas sold, there is no gas show at the flow back tank, MIRU CTS Coil Tbg Service to drill out plugs. RIH with 3.653 Chomper mill,+ Mud Motor + Jars + 1.75" Coil Tbg. Tag FTFP #3 207' high, Drill up plug no additional flow. RIH tag plug #2 204' high, drill up FTFP #2 had no additional flow. CTS checked on depth counter determined it was around 200' +/- high. RIH drill up FTFP #3 also tag high, no additional flow. RIH to 14448 to clean out fill, pmp Dn Tbg while POOH. Coil reeled to - 230' to verify 200' difference in depth. PBTd 14678. Zero gas to sales due to high pressure line. Turn well over to Pure Energy to flow back for night on 16/64 choke. 7:00 AM, 10/28/07, well flowing back w/ 1395 FCP, on 16/64" ck. Made 1608 BW in 21.75 hrs. TR 5164. BLWTR 8876. (JD) CC \$53,890.07

10/29/07 7:00 AM, 10/28. Well flowing back w/ 1125 FCP on 16/64" ck. Made 382 bbls in 24 hrs. TR 5546. BLWTR 8494.

### **Run TBG**

11/9/07 Fd 1400 FCP. MIRU Miles WS. Pump 20 bbl dn csg let sit to watch press. Well flowed back 15 bbl. Pump 50 bbl to watch press, well flowed back 45 bbl, did not stay dead. Turn well over to sales for night. SDFN. (JD) DC \$ 4,870 CC\$2,937,678

11/10/07 Finish RU Miles WS. Lay all pipe on racks to be ready for Monday. Leave well flowing to sales on a 18/64 choke for weekend SDFD. (JD) DC \$ 5,825 CC \$2,943,503

- 11/13/07 MIRU JW wireline . RIH 8K composite BP, and set @ 10,020'. Blow well down to pit. ND wellhead, NU 10K BOP + Washington head. Tally and RIH 3 5/8" Chomper bit + POBS + 1.87 I.D. X-Nipple + 2 3/8 tbg. Tag CBP @ 10,020'. Land tbg @ 9,970', 307 jnts. SDFN. (JD) DC \$13,496 CC \$2,956,999
- 11/14/07 Leveling pads for rig had sunk over night, had to RD Miles, repair and RU again. RU power swivel , RIH and drill up 8K CBP. Well pressured up to 4500 psi. Flow well to pit for 2 hrs recovered all water pumped and several plug pieces. Turn well over to sales for night FCP 3800 @ 1900 Mcf/day. (JD) DC \$5,960 CC \$2,962,959
- 11/15/07 Fd 4500 fcp. To high to RIH w/tbg. Turn well over to sales to bring press dn. SDFD. (JD) DC \$3,100 CC \$2,966,059
- 11/16/07 Fd 700 fcp/tp, blow tbg dn to pit to make sure POBS would hold. RIH tag plug, finish drill up CBP. Finish RIH land tbg @ 10,957'. SDFN. (JD) DC \$6,115 CC \$2,972,174
- 11/17/07 Fd 900 fcp. RIH w/ tbg, tag PBTD @ 14,647'. POOH. Land tbg in hanger, EOT 12,958' . ND Hydril + BOP. Drop ball, Pump 60 bbls dn tbg to pump bit off. Turn well over to production. RD Miles WS. SDFN. (JD) DC \$6,075 CC \$2,978,231
- 11/28/07 Updated late costs  
CC \$ 2,982,981

### **Run Cap thru tbg**

- 12/14/07 MIRU Weatherford cap string truck. RIH w/14,539' cap string. Cap string EOT @ 14590' with 51' of stretch. Set chemical injection pump for 10 gpd. RDMO Weatherford. SDFD. (Rick) DC \$21,446 CC \$3,004,427

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-76033

6. If Indian, Allottee, or Tribe Name  
NA

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

8. Well Name and No.  
Federal 21-19-9-19

9. API Well No.  
43-047-37621

10. Field and Pool, or Exploratory Area  
Riverbend

11. County or Parish, State  
Uintah 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)  
828' FNL & 2085' FWL NE NW Section 19-T9S-R19E

**CONFIDENTIAL**

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 checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>Change conductor</u>
	<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.

*Gasco Production Co is applying for Wildcat Field name status on this well. We have attached a plat of all known wells within a one mile radius. There are no wells producing from the same formation as this well within this radius.*

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

DATE: 2/8/08  
BY: [Signature]

**RECEIVED**

**JAN 14 2008**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. *cc: Tax Commission (emailed scanned doc 2/8/08)*

Name (Printed Typed) Beverly Walker Title Engineering Technician

Signature [Signature] Date January 9, 2008

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

**COPY SENT TO OPERATOR**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date: 2-8-2008

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 Initials: email DKD

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.

## Producing Wells Within One Mile of Fed 21-19-9-19

<b>Well</b>	<b>Producing Formation</b>
Federal 34-13	Green River
Eight Mile Flat 43-13	P&A'd
Federal 14-17-9-19	Not Completed
Federal 14-18-9-19	Not Completed
Pariette Bench & Chorney Unit 22-18	Green River
Federal 23-18-9-19	Not Completed
NGC 33-18J	Green River
Federal 34-18-9-19	Not Completed
Federal 1-19B	Not Drilled
Federal 7-19B	P&A'd
Federal 11-19-9-19	Not Drilled
Federal 12-19-9-19	Blackhawk
Federal 14-19-9-19	Not Drilled
Federal 23-19-9-19	Blackhawk
Federal 32-19-9-19	Not Drilled
Federal 34-19-9-19	Blackhawk
Federal 41-19-9-19	Not Completed
Federal 43-19-9-19	Blackhawk, Mesaverde
Federal 12-20-9-19	Blackhawk, Mesaverde, Dark Canyon
Federal 21-20-9-19	Not Drilled
Federal 1-24	Not Completed
Federal 9-24-9-18	Not Drilled
Sheep Wash Federal 41-25-9-18	Blackhawk
Federal 21-30-9-19	Blackhawk
Federal 41-30-9-19	Blackhawk, Mesaverde, Wasatch

DIVISION OF OIL, GAS AND MINING  
**Wildcat Well Determination**  
**STATEMENT OF BASIS**

**Applicant:** Gasco Production Company

**Location:** NENW Sec. 19 T9S, R19E, Uintah County, Utah

**WELL NAME:** Federal 21-19-9-19 **API #:** 43-047-37621

**FINDINGS**

1. The subject well was rotary spud on August 29, 2007. Total depth was reached on September 22, 2007 and the well was completed on October 24, 2007.
2. The subject well produces from the Mancos formation from 13118' to 14590'.
3. The subject well was > 1 mile from any known production in the Mancos formation at the date of first commercial production on October 24, 2007.
4. The subject well is currently < 1 mile from wells producing from upper formations. See the attached map, and operators provided spreadsheet for a summary of current producing wells within the one (1) mile area of review.
5. Eight other wells within the 1 mile area of review potentially penetrated the Mancos formation (the Federal 12-19-9-19 well, the Federal 34-19-9-19 well, the Federal 23-19-9-19 well, the Federal 43-19-9-19, the Federal 12-20-9-19, the Federal 41-25-9-18, the Federal 21-30-9-19 and the Federal 41-30-9-19 well). However, none of these wells were perforated, tested or produced from the Mancos or even penetrated the Mancos according to the Well Completion Reports.

**CONCLUSIONS**

Based on the findings above the Division has determined the Federal 21-19-9-19 well was drilled into an unknown area for the Mancos formation. Therefore, the Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for production from the Mancos formation. Should this well be later completed in upper formations, the production from those formations would not qualify. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1.

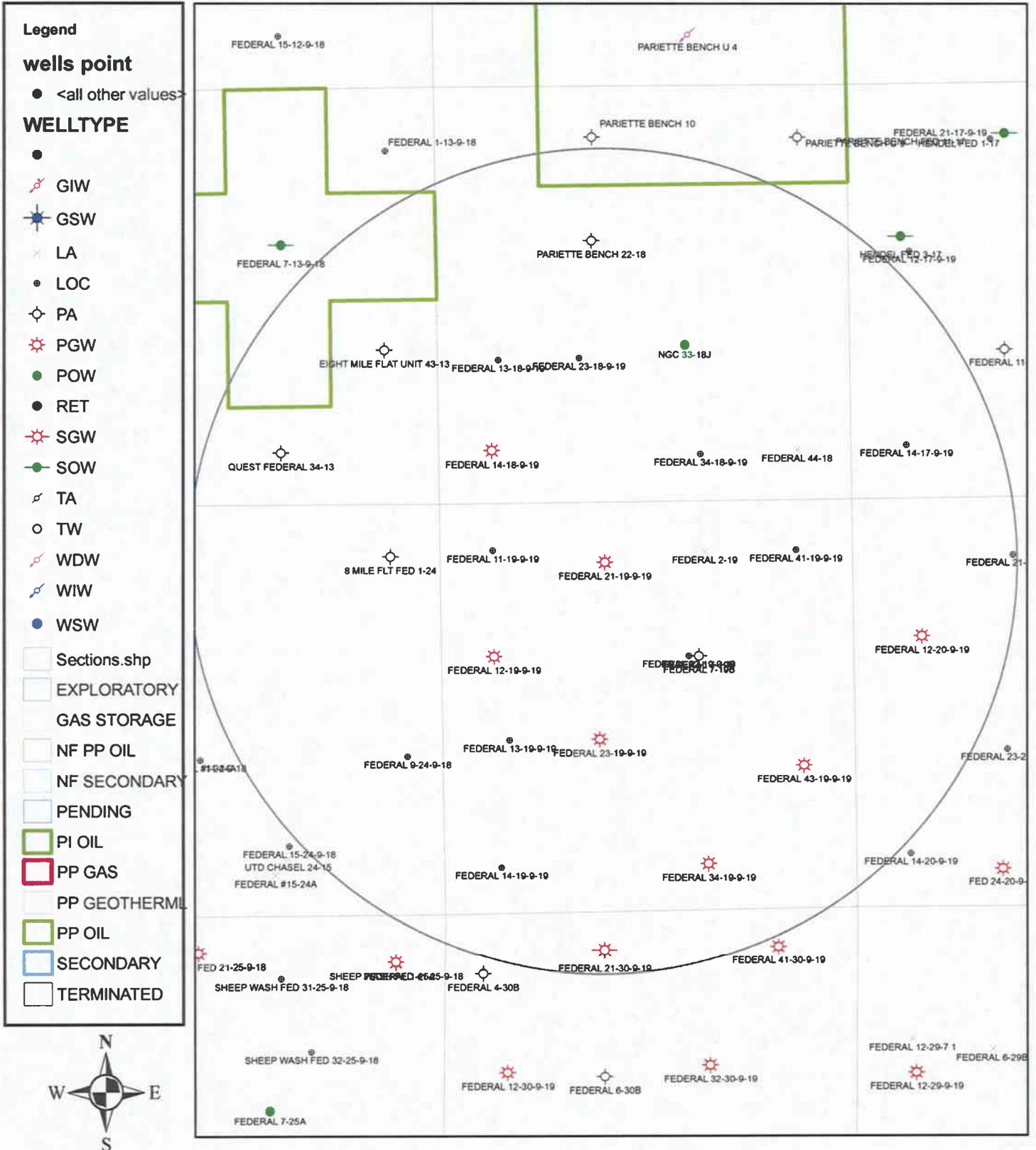
Reviewer(s): Dustin K. Doucet

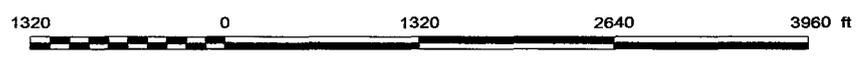
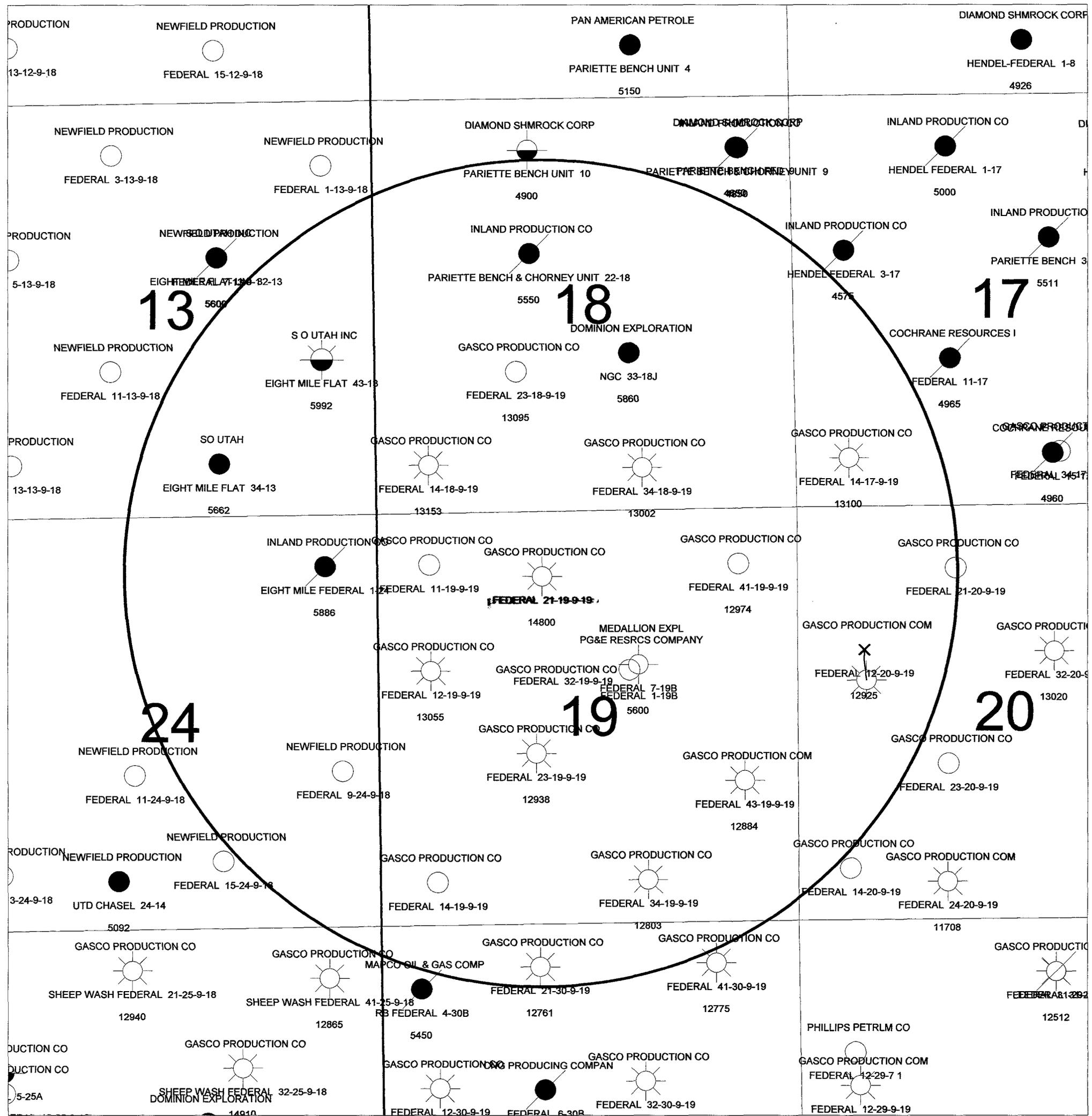
*DKD*

Date: 2/8/2008

# Gasco Wildcat Area of Review

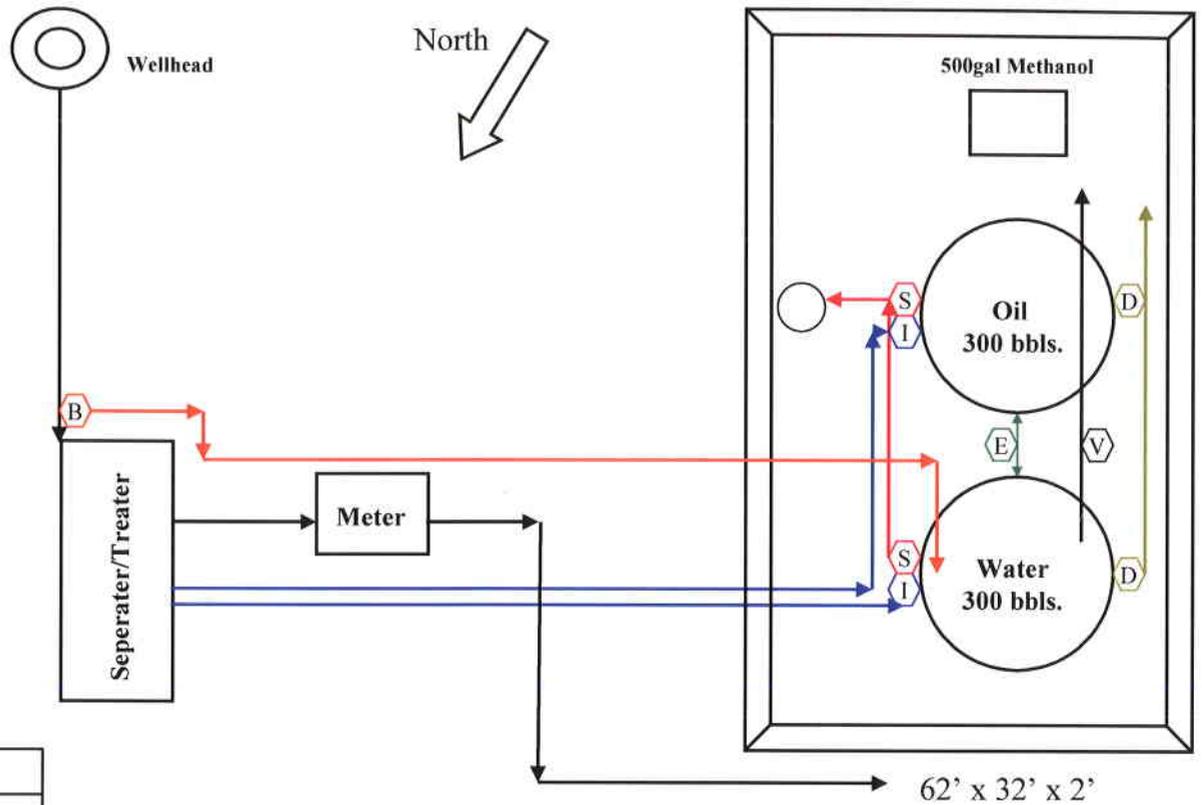
## Fed 21-19-9-19







Federal 21-19-9-19  
 NE/NW, Sec. 19, T9S - R19E  
 Uintah County, Utah  
 UTU-76033  
 API # - 043-047-37621



Valve Position and Seal Use During Blowdown			
Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Closed	Yes
I	Inlet	Open	No
E	Equalizer	Open/Closed	No
B	Blowdown	Open/Closed	No

Valve Position and Seal Use During Sales			
Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Open	No
I	Inlet	Closed	Yes
E	Equalizer	Closed	Yes
B	Blowdown	Closed	Yes

Valve Position and Seal Use During Water Drain			
Valves	Line Purpose	Position	Seal Installed
D	Drain	Open	No
S	Sales	Closed	Yes
I	Inlet	Closed	No
E	Equalizer	Closed	No
B	Blowdown	Closed	No

Gasco Production Company  
 8 Inverness Drive East  
 Suite 100  
 Englewood, CO 80112-5625

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-76033
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) 828' FNL & 2085' FWL NE NW Section 19-T9S-R19E		8. Well Name and No. Federal 21-19-9-19
		9. API Well No. 43-047-37621
		10. Field and Pool, or Exploratory Area Riverbend
		11. County or Parish, State Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<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 checked="" 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 checked="" 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 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 recompleation 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.

COPY SENT TO OPERATOR

*Current Status: Producing from the Mancos*

Date: 12-18-2008

*Perfs: See attached wellbore diagram*

Initials: KS

*Gasco intends to recompleate this well by perforating and fracture stimulating all remaining productive intervals in the Mesaverde formation in an effort to increase oil and gas production.*

*A subsequent report will be submitted within 30 days of completion giving details of the actual work performed.*

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

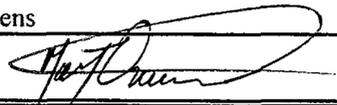
Name (Printed/ Typed)

Matt Owens

Title

Petroleum Engineer

Signature



Date

11/20/08

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

Approved by



Title

Pet. Eng.

Date

12/16/08

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

DOGM

Federal Approval Of This

Action Is Necessary

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

**RECEIVED**

(Instructions on page 2)

*\* Approval for commingling must be approved prior to commingling Mesaverde with Mancos. Approval of wildcat tax credit does not apply to Mesaverde production*

NOV 24 2008

DIV. OF OIL, GAS & MINING

**LEASE:** UTU-76033 **WELL #:** Federal 21-19-9-19  
**FIELD:** Riverbend  
**LOCATION:** 828' FNL & 2085' NE NW Section 19-T9S-R19E  
**COUNTY:** Uintah **ST:** Utah **API:** 43-047-37621

<b>GL:</b>	4850'
<b>SPUD DATE:</b>	8/29/2007
<b>COMP DATE:</b>	10/24/2007

**CONDUCTOR**

**SIZE:** 13 3/8"  
**WT/GRD:** H-40  
**WT/GRD:** 48#  
**CSA:** 40  
**SX:** \_\_\_\_\_  
**CIRC:** Y  
**TOC:** Surf  
**HOLE SIZE:** 17 1/2"

**SURFACE CASING**

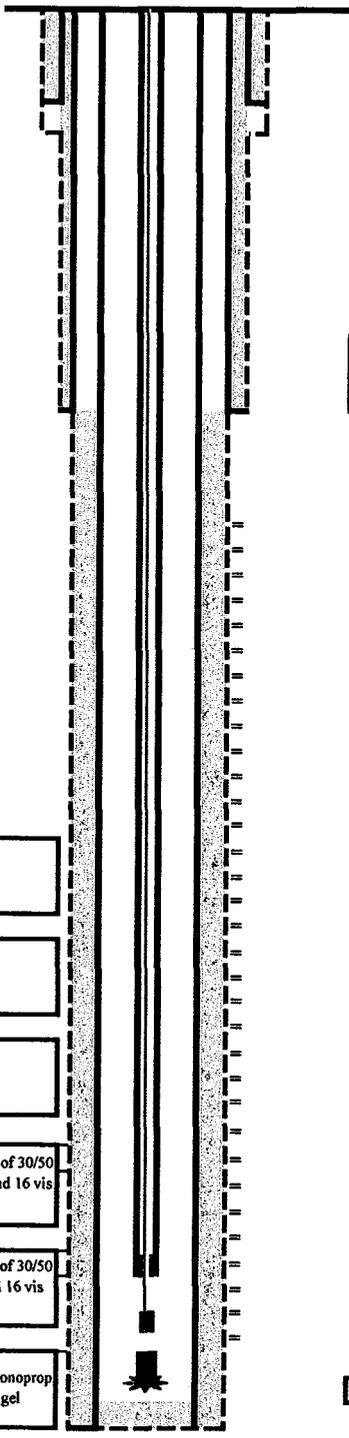
**SIZE:** 8 5/8"  
**WT/GRD:** J-55  
**WT/GRD:** 32#  
**CSA:** 3,553  
**SX:** 670 sx G; 370 sx G  
**CIRC:** Y  
**TOC:** Surf  
**HOLE SIZE:** 12 1/4"

**PRODUCTION CASING**

**SIZE:** 4 1/2"  
**WT/GRD:** P-110  
**WT/GRD:** 15.1#  
**CSA:** 14,791  
**SX:** 815 sx Class G  
1400 sx 50/50 Poz  
**CIRC:** Y  
**TOC:** Inside Surf  
**HOLE SIZE:** 7 7/8"

**Stimulation**

**Stage 6:** \_\_\_\_\_  
**Stage 5:** \_\_\_\_\_  
**Stage 4:** \_\_\_\_\_  
**Stage 3:** Hybrid Slickwater Frac Stage 3 with 62,625# of 30/50 Econoprop using 108,329 gal of slickwater and 16 vis linear gel  
**Stage 2:** Hybrid Slickwater Frac Stage 2 with 72,000# of 30/50 Econoprop using 169,976 gal slickwater and 16 vis linear gel  
**Stage 1:** Hybrid Frac Stage 1 with 68,457# of 30/50 Econoprop and 196,061 gal of slickwater and linear gel



**DATE FIRST PRODUCED** 10/27/07  
**PRODUCTION METHOD** Open  
**CHOKE SIZE** 16/64  
**Csg PRESSURE** 3659  
**OIL (BBL)** 0  
**GAS (MCF)** 1764  
**WATER (BBL)** 382

486 JTS of 2 3/8" 4.7# N-80 at 12958' with X Nipple on bottom (10/28/2007)  
 Run 1/4" SS2204 cap string w/ chem inj valve set at 14,950' (12/14/07)

13118-19  
 13148-50  
 13167-68  
 13215-16  
 13300-02  
 13325-26 } **Stage 3 - Mancos** (10/26/07)  
 13349-51  
 13386-87  
 13419-20  
 13429-30  
 13809-10  
 13825-26  
 13851-52  
 13991-92  
 14010-12  
 14032-33  
 14043-44 } **Stage 2 - Mancos** (10/25/07)  
 14064-65  
 14101-02  
 14137-38  
 14152-53  
 14173-75  
 14284-85  
 14322-23  
 14356-57  
 14379-80  
 14407-08  
 14428-29 } **Stage 1 - Mancos** (10/24/07)  
 14462-64  
 14493-94  
 14528-29  
 14577-78  
 14588-90

**3-3/4" Bit x POBS (10/28/07)**

**MD** 14,800  
**TD** 14,800

**PBTD @** 14678

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

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**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. <b>UTU-76033</b>
2. Name of Operator <b>GASCO PRODUCTION COMPANY</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>8 INVERNESS DR. E, # 100, ENGLEWOOD, CO 80112</b>	3b. Phone No. (include area code) <b>303-483-0044</b>	7. If Unit or CA/Agreement, Name and/or No. <b>N/A</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>828' FNL &amp; 2085' NE NW Section 19-T9S-R19E</b>		8. Well Name and No. <b>Federal 21-19-9-19</b>
		9. API Well No. <b>43-047-37621</b>
		10. Field and Pool, or Exploratory Area <b>Riverbend</b>
		11. County or Parish, State <b>Uintah, Utah</b>

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

Gasco intends to complete all productive intervals in the Mancos and Mesaverde formations, and to commingle production from these intervals. Following the final fracture stimulation, a Completion Report will be submitted.

No new surface disturbance is anticipated. If any is necessary, prior approval will be obtained.

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

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

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

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

**Matthew Owens**

Title **Petroleum Engineer**

Signature

Date

**11/20/08**

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

Approved by

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.

Title

**Pet. Eng.**

Date

**12/22/08**

Office

**DOGm**

Federal Approval Of This Action is Necessary

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

(Instructions on page 2)

COPY SENT TO OPERATOR

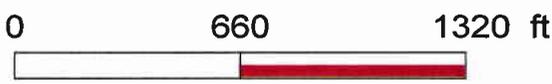
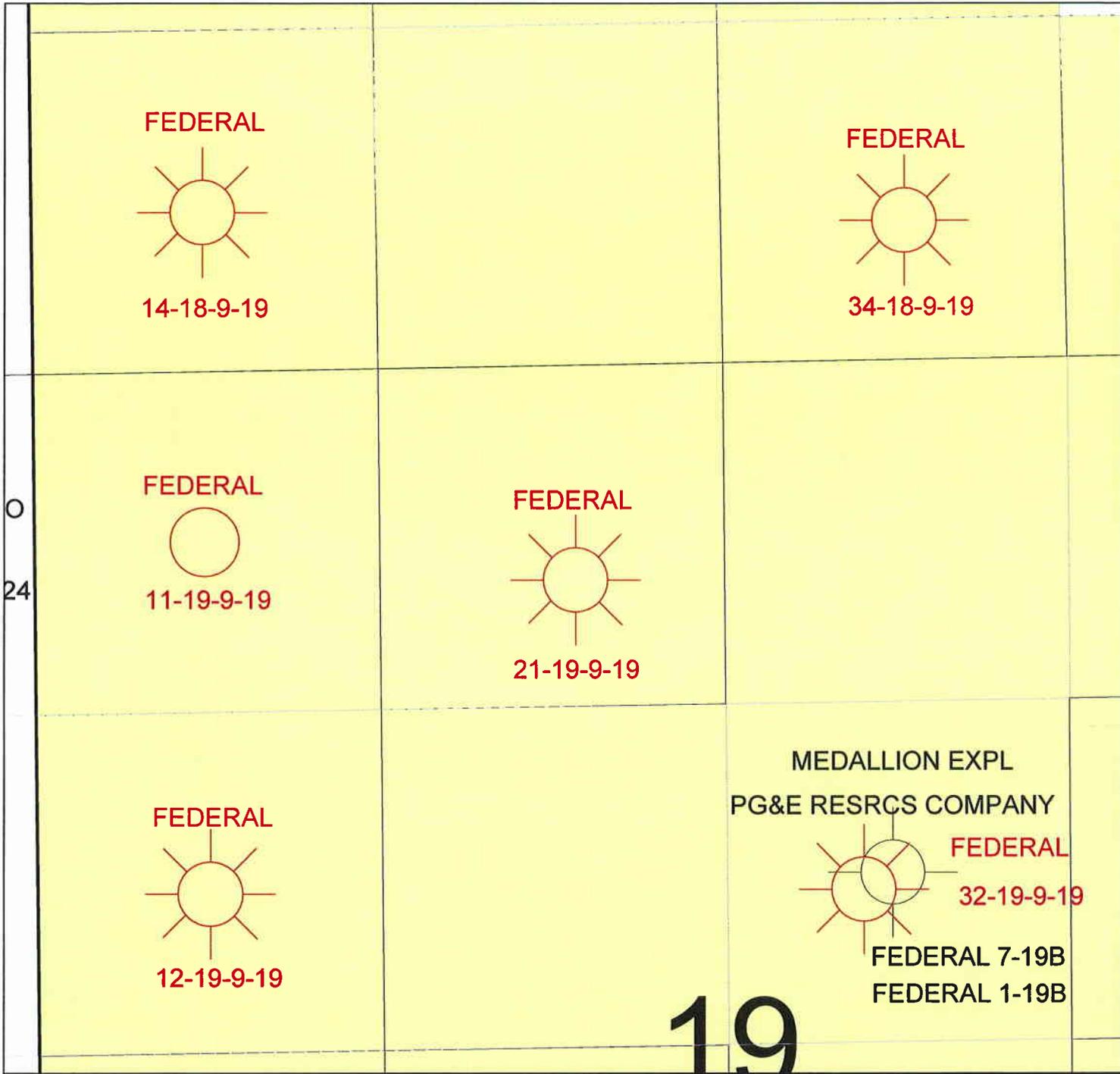
Date: **12-30-2008**

Initials: **KS**

**DEC 02 2008**

DIV. OF OIL, GAS & MINING

RECEIVED



**Gasco Federal 21-19-9-19**  
**NENW Sec 21-T9S-R19E, Uinta Co., Utah**



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)  
 828' FNL & 2085' FWL NE NW Section 19-T9S-R19E

5. Lease Serial No.  
 UTU-76033

6. If Indian, Allottee, or Tribe Name  
 NA

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

8. Well Name and No.  
 Federal 21-19-9-19

9. API Well No.  
 43-047-37621

10. Field and Pool, or Exploratory Area  
 Riverbend

11. County or Parish, State  
 Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<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 checked="" type="checkbox"/> Other <u>Site Security</u>
	<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 recompleat 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*Please find attached a copy of the site security diagram for this well.*

**RECEIVED**

**DEC 15 2008**

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

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

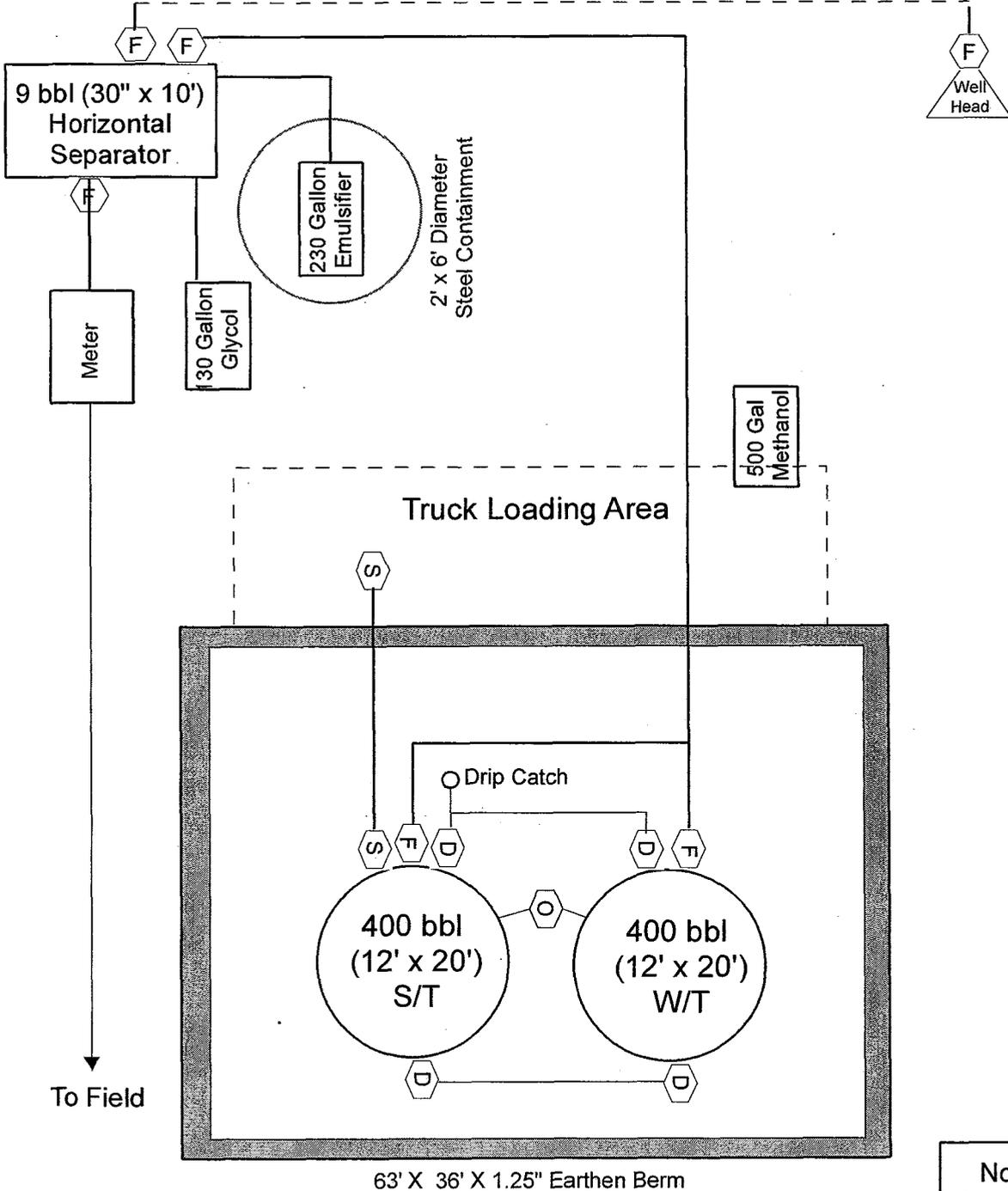
Name (Printed/ Typed) Jessica Berg	Title Production Clerk
Signature 	Date December 11, 2008

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

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

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.

Not To Scale



Note: This Site Security Plan is on file at the Gasco Field Office.

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

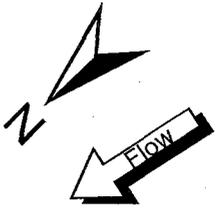
VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Closed	Yes
F	Oil, Gas, Water	Open	No
O	Overflow	Open/Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Open	No
S	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Closed	Yes
F	Oil, Gas, Water	Closed	Yes
O	Overflow	Closed	Yes
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Closed	No
S	Sales	Open	No

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

VALVES	LINE PURPOSE	POSITION	SEAL INSTALLED
D	Drain	Open	No
F	Oil, Gas, Water	Closed	No
O	Overflow	Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
H	Heat	Closed	No
S	Sales	Closed	Yes



- LEGEND**
- D - Drain Valve
  - F - Flow Valve
  - O - Overflow
  - V - Vent
  - R - Recycle
  - H - Heat Trace
  - S - Sales Valve

**BUYS & ASSOCIATES, INC.**  
**ENVIRONMENTAL CONSULTANTS**

Gasco Production Company  
 Federal # 21-19-9-19  
 Lease UTU-76033  
 NE/NW Sec. 19 T9S R19E  
 Uintah County, Utah  
 October 2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well  
 Oil Well     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)  
 828' FNL & 2085' FWL NE NW Section 19-T9S-R19E

5. Lease Serial No.  
 UTU-76033

6. If Indian, Allottee, or Tribe Name  
 NA

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

8. Well Name and No.  
 Federal 21-19-9-19

9. API Well No.  
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10. Field and Pool, or Exploratory Area  
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11. County or Parish, State  
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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 checked="" 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 checked="" 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.

*Gasco successfully perforated and stimulated a lower interval of the Mesaverde formation on 1/14/2009. The detailed work performed included:*

*Perforations: 12,818'-12,826'*

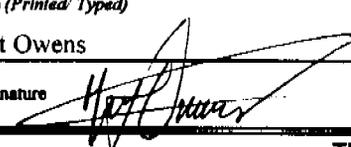
*Stimulation: FR Slickwater/linear gel frac well w/ 2,000# 100 mesh sand. 132,500# 40/70 Prime Plus sand using 2,938 bbls FR slickwater/12# linear gel and flushed w/ 192 bbls Dichlor water*

*24 hour flow test results: 1,000 MCF & 130 bbl water*

**RECEIVED**  
**JAN 21 2009**  
 DIV. OF OIL, GAS & MINING

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

Name (Printed/ Typed)    Title  
 Matt Owens    Petroleum Engineer

Signature    Date  
    1/19/2009

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

Approved by    Title    Date

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(Instructions on page 2)

- 11/13/07 MIRU JW wireline . RIH 8K composite BP, and set @ 10,020'. Blow well down to pit. ND wellhead, NU 10K BOP + Washington head. Tally and RIH 3 5/8" Chomper bit + POBS + 1.87 I.D. X-Nipple + 2 3/8 tbg. Tag CBP @ 10,020'. Land tbg @ 9,970', 307 jnts. SDFN. (JD)  
I
- 11/14/07 Leveling pads for rig had sunk over night, had to RD Miles, repair and RU again. RU power swivel , RIH and drill up 8K CBP. Well pressured up to 4500 psi. Flow well to pit for 2 hrs recovered all water pumped and several plug pieces. Turn well over to sales for night FCP 3800 @ 1900 Mcf/day. (JD)
- 11/15/07 Fd 4500 fcp. Too high to RIH w/tbg. Turn well over to sales to bring press dn. SDFD. (JD)
- 11/16/07 Fd 700 fcp/tp, blow tbg dn to pit to make sure POBS would hold. RIH tag plug, finish drill up CBP. Finish RIH land tbg @ 10,957'. SDFN. (JD)  
I
- 11/17/07 Fd 900 fcp. RIH w/ tbg, tag **PBTD @ 14,647'**. POOH. Land tbg in hanger, EOT 12,958'. ND Hydril + BOP. Drop ball, Pump 60 bbls dn tbg to pump bit off. Turn well over to production. RD Miles WS. SDFN. (JD)
- 11/28/07 Updated late costs

**Run 1/4" Capillary string thru tbg**

- 12/14/07 MIRU Weatherford cap string truck. RIH w/14,539' cap string. **Cap string EOT @ 14590'** with 51' of stretch. Set chemical injection pump for 10 gpd. RDMO Weatherford. SDFD. (Rick)

**NOTE TO FILE**

1/4" Capillary string has a Chemical Injection Valve (CIV) at the bottom.  
OD = 1.005", Length = 13.5" (TS)

- 12/31/07 Update Late Cost: (PME)
- 1/15/08 Update Cost: (PME)
- 24/25/08 Update Cost: (PME)
- 5/1/08 Update Costs: (PME)

7/17/08 Location clean up (PME) I

8/11/08 Water Disposal (PME) I

8/18/08 Water Disposal (PME)

10/27/08 Water Disposal (PME)

12/2/08 Water Disposal, Cased hole logs, (PME)

12/8/08 Water Disposal (PME)

**RU for 2<sup>nd</sup> Mobe, Complete Spring Canyon**

05/19/08 Pulled BJ Dyna-Coil cap string out of well to get ready for additional completion work.

1/6/09 R.R. (WILDCAT) from G.C.State 23-16-11-15 to Fed. 21-19-9-19. Spot in all equipment. S.D.F.N. (RICK)

1/8/09 500 sicp 150 ftp. R.U. RIG.(wildcat) Lay lines. Pump 50 bbls. down tbg. N.D. W.H. N.U. BOP'S & SPOOL( 10k) P.O.O.H. w/ 58 jts. tbg. Drain pump & lines. S.D.F.N. (RICK)

1/9/09 500 fcp 1300 sitp. Pump 30 bbls. down tbg. P.O.O.H. and LD w/ 200 jts. tbg. Well kicked. Pump 30 bbls. down tbg. P.O.O.H. w/ 100 jts. tbg. Well kicked. Pump 60 bbls. down tbg. P.O.O.H. w/ 43 jts. tbg. N.D. BOP'S. N.U. FRAC TREE. (TOTAL = 401 JTS. TBG. ) (RICK)

1/13/09 Fd 3,000 sicp. MIRU JW wire line RIH w/plug and guns. Set 10k magnum FTFP @ 12,840' Perf stage-4 Spring canyon f/12,818-26'. POOH. RDMO. (JD)

1/14/09 RU to frac. Break dn perfs w/7,230 @ 3 bpm. SD. ISIP 4,955 FG .83. FR slick water/linear gel frac well w/2,000# 100 mesh sand, 132,500# 40/70 prime plus sand, 2,938 bbls FR slick water/12# linear gel, and flushed w/192 bbls dykhlor water. SD. ISIP 5,007 FG .89 Open well up to fb @ 2:20 p.m. w/4,500 on a 12/64 ck. SDFD. (JD)

1/15/09 7:00 a.m. 2,050 on a 16/64 ck. Made 904 bbls in 16 hrs 40 min. TR 904 bbls. BLWTR 2,224 bbls. Turn well to sales @ 2:00 p.m. w/1,900 on a

12/64 ck. Made 154 bbls in 7 hrs, TR 1,058 bbls, BLWTR 2,070 bbls.  
(JD)

**Run tbg and drill out plug**

- 2/18/09 Road Wildcat rig 1 from Price to location.
- 2/19/09 MIRU Wildcat rig 1. Radiator hose had broken line had to be taken to town to repair. SDFD. (JD)
- 2/20/09 Fd 400 fcp. Pump 89 bbls treated Diklor wtr, dn csg to kill well. ND frac tree. NU Weatherford 10k BOP. Talley, PU, and RIH w/3 5/8" chomper bit + 2 3/8" POBS + 1.875 X-nipple + 400 jnts 2 3/8" P-110 tbg. Well started to flow to pit. Put well to sales w/1,000 psi on a 12/64 ck. EOT 12,748'. SDFD. (JD)
- 2/21/09 Fd 1,000 fcp. RIH tag plug @ 12,840' RU power swivel. RIH drill up plug, did not see any psi inc. RIH tag PBTD @ 14,691'. Drop ball and pump 70 bbls dn tbg to pump off bit. Did not see psi inc. POOH and lay dn 17 jnts. Land tbg @ 14,147' w/ 444 jnt tbg. ND BOP, NU production tree. RIH w/ broach to 14,100', POOH. RIH w/ swab. Make 1 run recovered 10 bbls. Pack off would not hold seal. SWI w/ 1,000 psi sicc, 0 psi shut in tbg psi. SDFD. (JD)
- 2/22/09 Fd 0 tbg psi and 2,000 sicc. Open tbg to equalize well. Well equalized, open tbg to sales w/ 2,000 on a 12/64 ck. Tbg died. Open csg to sales to unload water from back side. Will try to flow tbg in the a.m. (JD)
- 2/23/09 Well built up psi and started to flow up tbg to sales w/ 500 FTP on a 12/64 ck. Recovered 100% of load water. Put well dn line, to sales.
- 2/24/09 RDMO Wild cat well service.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" 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	

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*Gasco landed 444 joints of 2 3/8" 4.7# P-110 tubing with a 1.875" x-nipple at 14,147' on 2/21/2009.*

**RECEIVED**

**JUN 01 2009**

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

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

Name (Printed/ Typed)      Title  
 Matt Owens      Petroleum Engineer

Signature       Date  
 May 20, 2009

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

Approved by      Title      Date

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<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-76033
<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>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 21-19-9-19
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047376210000
<b>3. ADDRESS OF OPERATOR:</b> 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	<b>9. FIELD and POOL or WILDCAT:</b> PARIETTE BENCH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0828 FNL 2085 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 19 Township: 09.0S Range: 19.0E Meridian: S	<b>COUNTY:</b> UINTAH  <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: 9/7/2010	<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 checked="" 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 checked="" 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 checked="" 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 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 intends to fracture stimulate all remaining productive intervals in the Mesaverde and Wasatch formations. Each zone will be treated with roughly 69,000 #'s of white sand and 1,500 bbls of slickwater. Production will be commingled from the Mancos, Mesaverde and Wasatch formations upon completion. Gasco Production Company is the owner of all contiguous oil & gas leases or drilling units overlying the pools, and does herewith waive its right the 15 day period of objection per UDOGM rule 649-3-22(3). Gasco respectfully requests that the Division therefore accept this NOI in lieu of the required affidavit with regard to notification of the aforementioned owners.

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

Date: September 21, 2010

By: *Derek Quist*

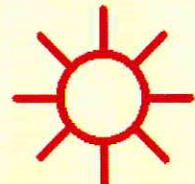
<b>NAME (PLEASE PRINT)</b> Jessica Berg	<b>PHONE NUMBER</b> 303 996-1805	<b>TITLE</b> Production Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/31/2010	

FEDERAL



14-18-9-19

FEDERAL



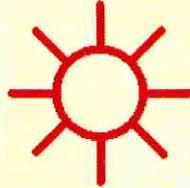
34-18-9-19

FEDERAL



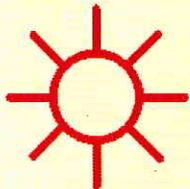
11-19-9-19

FEDERAL



21-19-9-19

FEDERAL



12-19-9-19

FEDERAL  
32-19X-9-19



19

Gasco Leases



Gasco Energy Federal 21-19-9-19  
Sec 19-T19S-R19E  
Utah County, Utah



RECEIVED August 31, 2010

<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-76033
<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>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 21-19-9-19
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047376210000
<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> 0828 FNL 2085 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 19 Township: 09.0S Range: 19.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PARIETTE BENCH  <b>COUNTY:</b> UINTAH  <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"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  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.

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

Date: 01/05/2011  
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> 12/30/2010

<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-76033
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<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> 0828 FNL 2085 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 19 Township: 09.0S Range: 19.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PARIETTE BENCH  <b>COUNTY:</b> UINTAH  <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"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input checked="" type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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**Accepted by the**  
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**FOR RECORD ONLY**

<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> 12/30/2010

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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input checked="" type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 50px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/28/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Gasco has finished fracture treating the remaining 8 productive intervals in the Mesaverde and Wasatche formations. The volumes of sand and water pumped in each stage can be found on the attached wellbore schematic under stage 5 through stage 12. The well is currently producing out of the Wasatche, Mesaverde and Mancos formations.

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

<b>NAME (PLEASE PRINT)</b> Jessica Berg	<b>PHONE NUMBER</b> 303 996-1805	<b>TITLE</b> Production Clerk
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/21/2011

As of 9/28/2010

LEASE: UTU-76033 WELL #: Federal 21-19-9-19  
FIELD: Riverbend  
LOCATION: 828' FNL & 2085' NE NW Section 19-T9S-R19E  
COUNTY: Uintah ST: Utah APT: 43-047-37621

CONDUCTOR  
SIZE: 13 3/8"  
WT/GRD: 11-40  
WT/GRD: 48#  
CSA: 40"  
SX: readymix  
CIRC: Y  
TOC: Surf  
HOLE SIZE: 17 1/2"

SURFACE CASING  
SIZE: 8 5/8"  
WT/GRD: J-55  
WT/GRD: 32#  
CSA: 3,553  
SX: 670 sx Class G  
370 sx Class G  
CIRC: Y  
TOC: Surf  
HOLE SIZE: 12 1/4"

PRODUCTION CASING  
SIZE: 4 1/2"  
WT/GRD: P-110  
WT/GRD: 15.1#  
CSA: 14,791  
SX: 815 sx Class G  
1400 sx 50/50 Poz G  
CIRC: Y  
TOC: Inside Surf  
HOLE SIZE: 7 7/8"

GL: 4850'  
KB: 4877'  
SPUD DATE: 8/29/2007  
COMP DATE: 10/24/2007

DATE FIRST PRODUCED 10/27/07  
PRODUCTION METHOD Flow  
CHOKE SIZE 16/64  
Csg PRESSURE 3659  
OIL (BBL) 0  
GAS (MCF) 1764  
WATER (BBL) 382

Stimulation

Table with 4 columns: Stage, Description, Depth (ft), and Stage Name. Includes stages 1 through 12 with detailed descriptions of slickwater and hybrid treatments.

Revised By: KTM, Date: 11/12/2010

MD 14,800  
TD 14,800

3-3/4" Bit x POBS (11/17/07)

3-3/4" Bit x POBS (2/2/09)

PBTD @ 12,680' (9/28/2010)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033																														
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<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 24px; margin: 0;">RECEIVED</p> <p style="font-size: 20px; margin: 0;">FEB 01 2011</p> <p style="font-size: 18px; margin: 0;">DIV. OF OIL, GAS &amp; MINING</p> </div>																																
NAME (PLEASE PRINT) Jessica Berg	PHONE NUMBER 303 996-1805	TITLE Production Clerk																														
SIGNATURE N/A	DATE 1/21/2011																															

As of 1/18/2010  
 LEASE: UTU-76033 WELL # Federal 21-19-9-19  
 FIELD: Riverbend  
 LOCATION: KOP FNL & 3003' NE NW Section 19-19S-R19E  
 COUNTY: Uintah ST: Utah API: 43-047-3763

**CONDUCTOR**  
 SIZE: 13 3/8"  
 WT/GRD: 11-40  
 WT/GRD: 47#  
 CSA: 40"  
 SX: random  
 CIRC: Y  
 TOC: Surf  
 HOLE SIZE: 17 1/2"

GL: 4850'  
 KB: 4677'  
 SPUD DATE: 02/10/07  
 COMP DATE: 10/27/07

DATE FIRST PRODUCED: 10/27/07  
 PRODUCTION METHOD: Flow  
 CHOKER SIZE: 16/64  
 Casing PRESSURE: 3659  
 OIL (BBL): 0  
 GAS (MCF): 1764  
 WATER (BBL): 382

**SURFACE CASING**  
 SIZE: 8 5/8"  
 WT/GRD: J-53  
 WT/GRD: 32#  
 CSA: J-53J  
 SX: 870 ex Class G  
 CIRC: Y  
 TOC: Surf  
 HOLE SIZE: 12 1/4"

**PRODUCTION CASING**  
 SIZE: 4 1/2"  
 WT/GRD: P-110  
 WT/GRD: 15.1#  
 CSA: 14.791  
 SX: 875 ex Class G  
 CIRC: Y  
 TOC: Inside Surf  
 HOLE SIZE: 7 7/8"

**Stimulation**

Stage 12: 9/10/2010	FR slick water frac w/2,037# 100 mesh sand, 57,940# 30/50 white sand, 10,185# resin coated 30/50 sand, 1,321 bbls FR slick water	9,910-16 9,048-52	Stage 12 - Wasatch
Stage 11: 9/10/2010	FR slick water frac w/1,218# 100 mesh sand, 41,486# 30/50 white sand, 10,506# resin coated 30/50 sand, 1,011 bbls FR slick water	9,370-30	Stage 11 - Dark Canyon
Stage 10: 9/9/2010	FR slick water frac w/1,407# 100 mesh sand, 42,056# 30/50 white sand, 9,085# resin coated 30/50 sand, 953 bbls FR slick water	9,608-12 9,616-50	Stage 10 - Upper Mesa Verde
Stage 9: 9/9/2010	FR slick water frac w/2,415# 100 mesh sand, 64,087# 30/50 white sand, 12,705# resin coated 30/50 sand, 1,458 bbls FR slick water	10,904-06 10,950-52 10,996-98 11,034-38 11,072-74	Stage 9 - Upper/Lower Mesa Verde
Stage 8: 9/8/2010	FR slick water frac w/1,680# 100 mesh sand, 45,193# 30/50 white sand, 12,915# resin coated 30/50 sand, 1,107 bbls FR slick water	11,112-18 11,127-59 11,244-48	Stage 8 - Lower Mesa Verde
Stage 7: 9/8/2010	FR slick water frac w/1,596# 100 mesh sand, 48,316# 30/50 white sand, 10,395# resin coated 30/50 sand, 1,115 bbls FR slick water	11,627-29 11,651-53 11,718-14 11,741-44 11,836-39 11,898-902	Stage 7 - Lower Mesa Verde
Stage 6: 9/8/2010	FR slick water frac w/1,669# 100 mesh sand, 65,053# 30/50 white sand, 12,705# resin coated 30/50 sand, 1,581 bbls FR slick water	12,160-62 12,202-04 12,233-36 12,258-60 12,276-80	Stage 6 - Desert/Grassy
Stage 5: 9/8/2010	FR slick water frac w/1,785# 100 mesh sand, 62,014# 30/50 white sand, 12,915# resin coated 30/50 sand, 2,038 bbls FR slick water	12,432-34 12,506-99 12,584-88 12,641-41 12,703-06	Stage 5 - Sandyside/Koolworth/
Stage 4: 1/18/2009	FR slick water/linear gel frac well w/2,000# 100 mesh sand, 132,500# 40/70 prime plus sand, 2,934 bbls FR slick water/12# linear gel, and flushed w/192 bbls dykholer water	12,818-26	Stage 4 - Spring Canyon
Stage 3: 10/26/2007	Hybrid Slickwater w/ 62,625# of 30/50 Econoprop using 109,339 gal of slickwater and 16 vis linear gel	13118-10 13148-30 13167-68 13215-16 13300-02 13325-26 13349-51 13386-87 13419-20 13429-30	Stage 3 - Mancos Stage 3 - Mancos Stage 3 - Mancos Stage 3 - Mancos Stage 3 - Mancos
Stage 2: 10/26/2007	Hybrid Slickwater w/ 72,000# of 30/50 Econoprop using 169,976 gal of slickwater and 16 vis linear gel	13809-10 13825-26 13851-52 13991-92 14010-12 14032-33 14043-44 14064-65 14101-62 14137-38 14152-53 14173-75	Stage 2 - Mancos Stage 2 - Mancos
Stage 1: 10/24/2007	Hybrid Frac w/ 68,437# of 30/50 Econoprop and 196,061 gal of slickwater and linear gel	14284-85 14322-23 14356-57 14379-80 14407-08 14428-29 14462-64 14493-94 14528-29 14577-78 14588-90	Stage 1 - Mancos Stage 1 - Mancos Stage 1 - Mancos Stage 1 - Mancos Stage 1 - Mancos

Revised By:	Date:
KTM	11/12/2010

MD 14,808  
 TD 15,000  
 2-3/4" BR x POBS (11/17/07)  
 2-3/4" BR x POBS (02/10/08)  
 PBTD @ 12,680' (9/28/2010)

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:**

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

**REVIEW:**

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

**NEW OPERATOR BOND VERIFICATION:**

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

**DATA ENTRY:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/22/2016

**COMMENTS:**

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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  
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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  
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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**

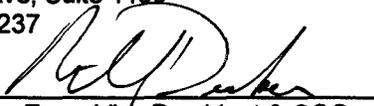
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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, Exec. Vice President & COO

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



Michael Decker, Exec. Vice President & COO

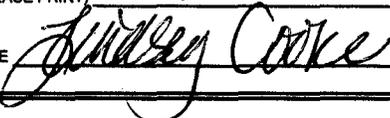
RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Lindsey Cooke**

TITLE **Engineering Tech**

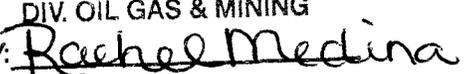
SIGNATURE 

DATE **5/18/2015**

(This space for State use only)

**APPROVED**

JAN 22 2016

DIV. OIL GAS & MINING  
BY: 

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
RBUS 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBUS 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBUS 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBUS 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBUS 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBUS 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBUS 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBUS 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBUS 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBUS 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBUS 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