



September 1, 2006

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

Attn: Minerals Department

Re: All Wells  
Uintah and Duchesne Counties, Utah

Ladies and Gentlemen:

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

It should be understood that Permitco, Inc. and Shon McKinnon are acting as Agent only in those matter stated above and are not responsible for drilling, completion, production or compliance with regulations.

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

Yours very truly,

A handwritten signature in black ink, appearing to read "Mark A. Erickson", written in a cursive style.

Mark A. Erickson  
President and CEO

Handwritten initials "MKD" enclosed in a hand-drawn circle.



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

November 6, 2007

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 #13-18-9-19**  
**1782' FSL and 764' FWL**  
**NW SW Section 18, T9S - R19E**  
**Uintah County, Utah**

Gentlemen:

Enclosed please find one copy 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  
Consultant for  
Gasco Production Company

Enc.

cc: Gasco Production Company - Englewood, CO  
Shawn Elworthy - Myton, UT  
Shon McKinnon - Altamont, UT

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DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO.: <b>UTU-016544</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 type="checkbox"/> MULTIPLE ZONE <input checked="" 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 #13-18-9-19</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: <i>600</i> <del>Paradise</del> <b>Paradise</b> <i>Danielle Beach</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>599904X 4431373Y 1782' FSL and 764' FWL</b> AT PROPOSED PRODUCING ZONE: <b>NW SW -109.829167</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Sec. 18, T9S-R19E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 26.65 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>Approx. 764'</b>	16. NUMBER OF ACRES IN LEASE: <b>520</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres; NW SW</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>Approx. 2500'</b>	19. PROPOSED DEPTH: <b>13,315'</b>	20. BOND DESCRIPTION: <b>Bond #UT-1233</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4843' 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#	200'	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
12-1/4"	8-5/8", J-55, 32#	3,628'	612 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#	13,315'	523 sx Hi-Lift, 11.5 ppg, 3.05 yield & 1408 sx 50-50 Poz, 14.1 ppg, 1.28 yield

**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 **November 6, 2007**

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39776

Approved by the  
Utah Division of  
Oil, Gas and Mining

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DIV. OF OIL, GAS & MINING

Federal Approval of this  
Action is Necessary

Date: 11-13-07  
(See instructions on Reverse Side)

By: *[Signature]*

R  
18  
E

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

N89°59'E - 5272.08' (G.L.O.)

NORTH - 2640.00' (G.L.O.)

N00°09'58"E - 2639.43' (Meas.)

N00°01'E - 2640.00' (G.L.O.)

N00°02'02"E - 2641.81' (Meas.)

1910 Brass Cap,  
1.0' High

18

1910 Brass Cap,  
Fenceline

FEDERAL #13-18-9-19  
Elev. Ungraded Ground = 4843'

1782'

1910 Brass Cap,  
1.0' High

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

N89°54'23"W - 2635.05' (Meas.)

N89°55'10"W - 2643.75' (Meas.)

1910 Brass Cap,  
0.7' High

**LEGEND:**

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
LATITUDE = 40°01'42.79" (40.028553)  
LONGITUDE = 109°49'47.47" (109.829853)  
(AUTONOMOUS NAD 27)  
LATITUDE = 40°01'42.92" (40.028589)  
LONGITUDE = 109°49'44.95" (109.829153)

**GASCO PRODUCTION COMPANY**

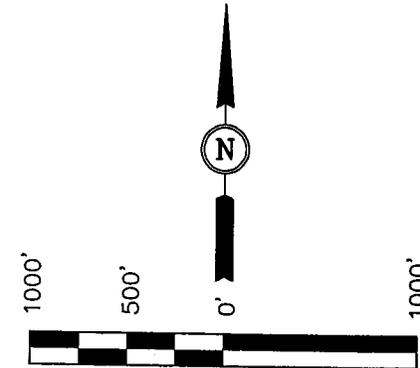
Well location, FEDERAL #13-18-9-19, located as shown in the NW 1/4 SW 1/4 of Section 18, T9S, R19E, S.L.B.&M., Uintah County, Utah.

**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**

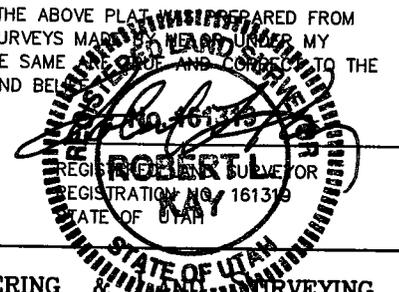
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

**CERTIFICATE**

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



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

SCALE 1" = 1000'	DATE SURVEYED: 03-19-07	DATE DRAWN: 03-26-07
PARTY J.W. B.D. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	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.

Gasco Production Company  
Federal #13-18-9-19  
1782' FSL and 764' FWL  
NW SW Section 18, T9S - R19E  
Uintah County, UT

CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge, of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 9<sup>th</sup> day of July, 2007.

Venessa Langmacher  
Venessa Langmacher

Agent for Gasco Production Company  
Title

14421 County Road 10, Fort Lupton, CO 80621  
Address

303/857-9999  
Telephone

LSPermitco@aol.com  
E-mail



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

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

1. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Wasatch	5,685'	-810'
Mesaverde	9,595'	-4,720'
Castlegate	12,045'	-7,170'
Blackhawk	12,295'	-7,420'
Spring Canyon	13,015'	-8,410'
TD	13,315'	-8,710'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,800' - 9,595'
Gas	Mesaverde	9,595' - 12,045'
Gas	Blackhawk	12,295' - 13,215'

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.
- 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.



ONSHORE ORDER NO. 1  
 Gasco Production Company  
**Federal #13-18-9-19**  
 1782' FSL and 764' FWL  
 NW SW Section 18, T9S - R19E  
 Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-016544

**DRILLING PROGRAM**

Page 5

m. The proposed casing program will be as follows:

<b>Purpose</b>	<b>Depth</b>	<b>Hole Size</b>	<b>O.D.</b>	<b>Weight</b>	<b>Grade</b>	<b>Type</b>	<b>New/Used</b>
Conductor	0'-200'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0'-3,628'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0' -13,315'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

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

o. The cement program will be as follows:

<b>Surface</b>	<b>Type and Amount</b>
TOC @ Surface	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
<b>Intermediate</b>	<b>Type and Amount</b>
TOC @ Surface	Lead: 612 sx Hi-Lift, 11 ppg, 3.91 cu.ft./ft, Tail: 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield
<b>Production</b>	<b>Type and Amount</b>
TOC @ 2,500'	Lead: 523 sx Hi-Lift, 11.5 ppg, 3.05 cu.ft./ft, Tail: 1408 sx 50:50 Poz, 14.1 ppg, 1.28 cu.ft./ft

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

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

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



1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
  - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
  - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
  
- s. Auxiliary equipment to be used is as follows:
  1. Kelly cock
  2. No bit float is deemed necessary.
  3. A sub with a full opening valve.

**5. MUD PROGRAM**

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

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>pH</i>
0' - 200'	Fresh Water	8.33	1	---	7
200' - 3,628'	Fresh Water	8.33	1	---	7-8
3,628' - TD	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. An Induction or laterolog as appropriate, Gamma Ray, Neutron and Density logs will 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 7456 psi. The maximum bottom hole temperature anticipated is 226 degrees F.
- b. No Hydrogen Sulfide Gas is anticipated.

**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.



ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #13-18-9-19**  
1782' FSL and 764' FWL  
NW SW Section 18, T9S - R19E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-016544

**DRILLING PROGRAM**

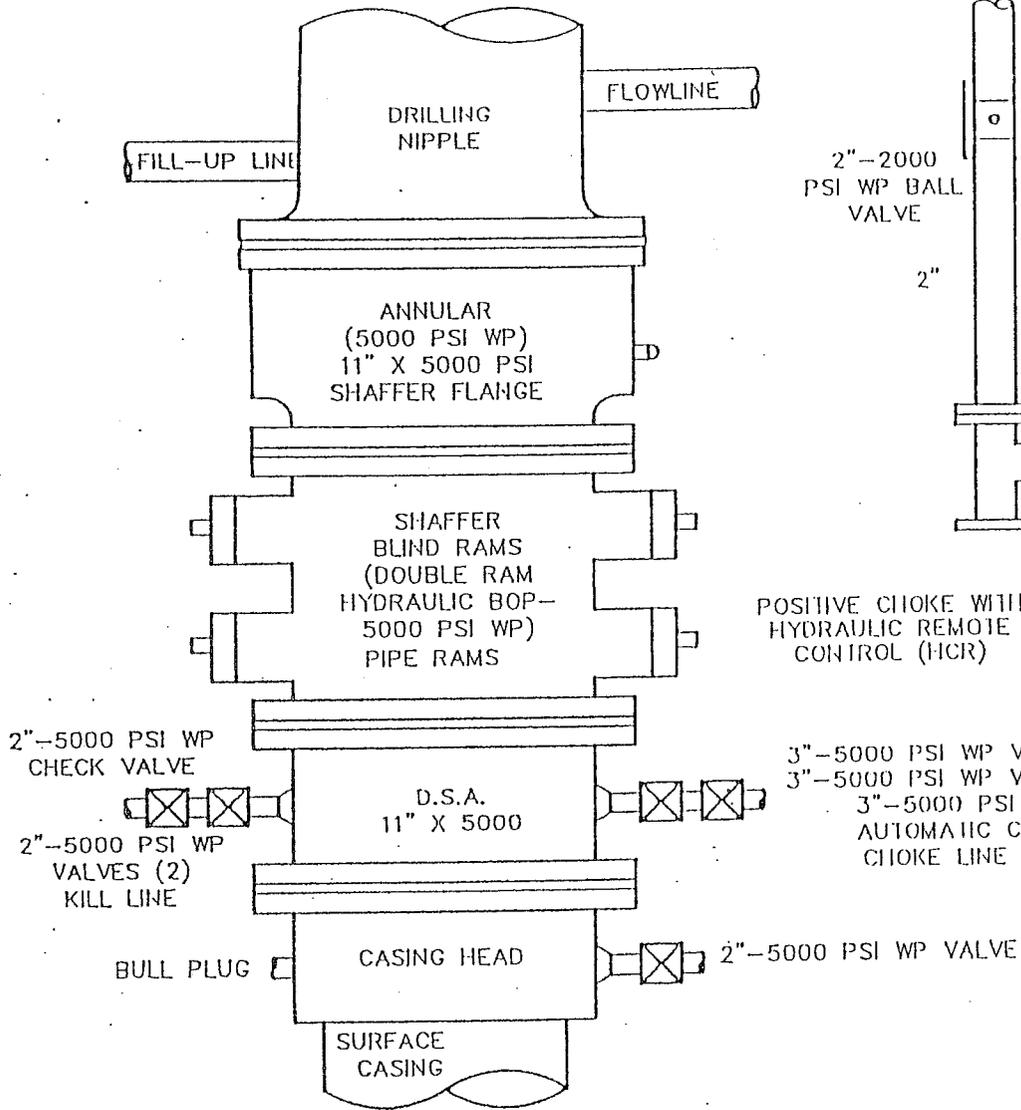
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- i. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as 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.

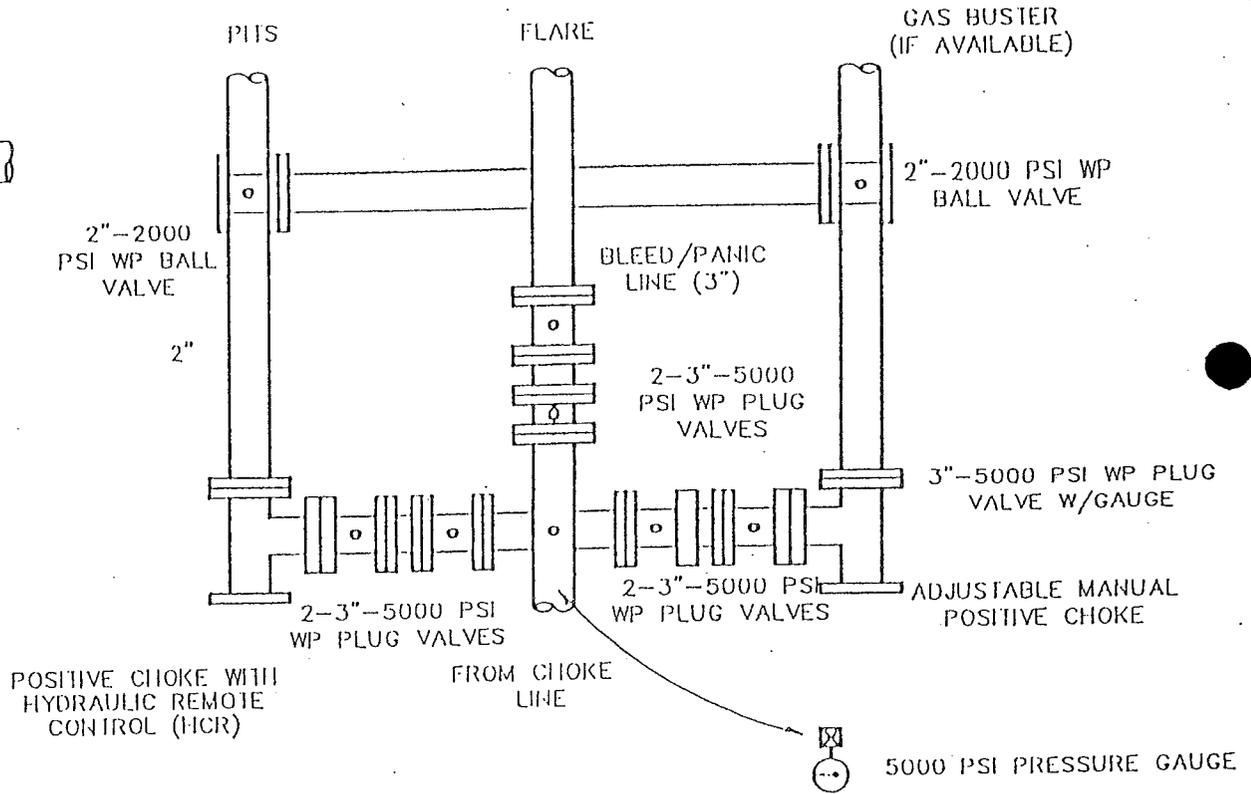
Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400		Fax: 435/781-4410
After Hours:		
Michael Lee	Petroleum Engineer	435/828-4470
Matt Baker	Petroleum Engineer	435/828-7875



**BOP SCHEMATIC**  
5000 PSI WORKING PRESSURE



**PLAN VIEW CHOKE MANIFOLD**



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

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

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

The onsite inspection for the subject well site was conducted on Tuesday, May 22, 2007 at approximately 9:58 a.m. Weather conditions were cool and windy. In attendance at the onsite inspection were the following individuals:

Darren Williams	Natural Resource Specialist	Bureau of Land Management
Brandon McDonald	Wildlife Biologist	Bureau of Land Management
Randy Smith	Permitting Agent	Permitco Inc.
Shon McKinnon	Consultant	Gasco Production Company
Jesse Walton	Surveyor	Uintah Engineering and Land Surveying
Brian O'Hearn	Ecologist	SWCA

**1. EXISTING ROADS**

- a. The proposed well site is located approximately 26.65 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 12.8 miles on the 8 mile flat road. Turn right and proceed southerly 1 mile. Turn right onto the proposed access for the #23-18 location and proceed west 0.2 miles until reaching the #23-18 well pad. Turn left onto the proposed access and proceed west 0.15 miles 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 0.35 miles of new construction will be necessary .
- b. The maximum grade of the new construction will be approximately 3%.
- c. No culverts or low water crossings will be necessary.
- d. The last 0.35 miles 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 required.

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

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - two
- d. Drilling wells - none
- e. Disposal wells -none
- f. Abandoned wells - eight
- g. Dry Holes - none
- h. Shut In Wells - one



Gasco Production Company

**Federal #13-18-9-19****Lease No. UTU-016544**

1782' FSL and 764' FWL

NW SW Section 18, T9S - R19E

**SURFACE USE PLAN**

Uintah County, Utah

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**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 Covert Green. 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 be 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.



Gasco Production Company

**Federal #13-18-9-19**

Lease No. UTU-016544

1782' FSL and 764' FWL

NW SW Section 18, T9S - R19E

**SURFACE USE PLAN**

Uintah County, Utah

Page 5

- 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. Pipeline right of way is needed for the portion of pipeline located off lease in Section 19, T9S - R19E. We hereby request that this APD be used as our application for pipeline right of way. Please notify us once the category determination has been made so that we can send the necessary fees.

**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 northwest side of the location.
- c. The flare pit will be located on the east side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the south side of the location, between Corners 2 and 9 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.
- e. Access to the well pad will be from the east as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
  1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.



5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

## 10. **PLANS FOR RESTORATION OF SURFACE**

### Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. 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.



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 has been conducted by Grand River Institute. A copy of this report is attached (GRI Project No. 2722, April 23, 2007).

b. A paleontological review was conducted by Alden Hamblin on April 16, 2007. No mitigation has been recommended. A copy of this report is attached.

c. 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.

d. 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.



- e. 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.
- f. 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.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. 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.
- i. "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.
- j. This permit will be valid for a period of two years 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.
- k. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.



ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #13-18-9-19**  
1782' FSL and 764' FWL  
NW SW Section 18, T9S - R19E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-016544

**SURFACE USE PLAN**

Page 12

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

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)



PIPELINE INFORMATION  
*Federal #13-18-9-19*

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. There are no other pipelines to be associated in the same right of way.
9. 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.)
10. The total length of pipeline is approximately 7,900 feet (approximately 1,000' will be on lease and approximately 3,900' will be off lease)- see Map D.
11. Due to the rocky nature of the area, and shallow soils, the line will be laid on the surface as shown on Map D. The pipeline will follow existing or proposed roads.
12. The construction width for total surface disturbing activities is 30 feet.
13. The estimated total acreage involving all surface disturbing activities is 5.4 acres (Approximately 2.75 acres will be on lease and approximately 2.65 acres will be off lease).
14. 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.
15. The line will be tested with gas pressure to 1000 psi.



**FEDERAL STIPULATIONS AND TIMING RESTRICTIONS**

*There will be no drilling from May 1<sup>st</sup> through August 15<sup>th</sup> for Mountain Plover and from April 1<sup>st</sup> through August 15<sup>th</sup> for Burrowing Owl Stipulations.*



**Class III Cultural Resource Inventory Report  
of  
Fourteen Proposed Well Locations and Related Linear Routes  
in the Sheep Wash and Uteland Butte Area of Uintah County, Utah  
for  
Gasco Production Company**

Declaration of Positive Findings

GRI Project No. 2722

23 April 2007

Prepared by

Grand River Institute  
P.O. Box 3543  
Grand Junction, Colorado 81502  
BLM Antiquities Permit No.07UT54939  
UDSH Project Authorization No. U07-GB-0032b,s

---

Carl E. Conner, Principal Investigator

Submitted to

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

School and Institutional  
Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, Utah 84102-2818

## Abstract

Grand River Institute conducted a Class III cultural resources inventory for Gasco Production Company of fourteen proposed well locations (Fed. #13-18-9-19, Fed. #11-19-9-19, Fed. #13-19-9-19, Sheep Wash Fed. #11-25-9-18, Sheep Wash Fed. #31-25-9-18, Sheep Wash Fed. #12-26-9-18, Sheep Wash Fed. #14-26-9-18, Sheep Wash Fed. #43-33-9-18, Uteland Fed. #32-3-10-18, Uteland Fed. #43-3-10-18, Uteland Fed. #14-10-10-18, Fed. #41-1-10-18, Fed. #31-6-10-19, and State #22-32A, #21-32B, & #21-32A) and 2.74 miles of linear routes (roads and/or pipelines) in Uintah County, Utah, under BLM Antiquities Permit No. 07UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U07-GB-0032b,s. This work was done to meet requirements of Federal and State laws that protect cultural resources.

Files searches conducted through the BLM Vernal District Office (BLM) and through the UDSH indicated two sites (42UN2290 and 42UN2844) were previously recorded near two of the project's discrete areas. Field work was performed between the 18<sup>th</sup> and 21<sup>st</sup> of April 2007. A total of about 206.5 acres (BLM 188, State 18.5) was inspected. The two previously recorded sites were relocated as part of this project and found to lie outside impact areas, so no further work is recommended for them. Three isolated finds and one site (42UN5806) were newly recorded. The site was field evaluated as significant and eligible for listing on the National Register of Historic Places. It is presently within the impact area for the proposed new road to the Fed. #43-3-10-18 well location and should be avoided. An alternate route was inventoried to the east of the originally flagged road to allow for its movement in that direction.

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## **Introduction**

At the request of Gasco Production Company and the Bureau of Land Management Vernal Field Office (BLM), Grand River Institute conducted a Class III cultural resources inventory for Gasco Production Company of fourteen proposed well locations (Fed. #13-18-9-19, Fed. #11-19-9-19, Fed. #13-19-9-19, Sheep Wash Fed. #11-25-9-18, Sheep Wash Fed. #31-25-9-18, Sheep Wash Fed. #12-26-9-18, Sheep Wash Fed. #14-26-9-18, Sheep Wash Fed. #43-33-9-18, Uteland Fed. #32-3-10-18, Uteland Fed. #43-3-10-18, Uteland Fed. #14-10-10-18, Fed. #41-1-10-18, Fed. #31-6-10-19, and State #22-32A, #21-32B, & #21-32A) and 2.74 miles of linear routes (roads and/or pipelines) in Uintah County, Utah, under BLM Antiquities Permit No. 07UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U07-GB-0032b,s. The file searches, survey and report were completed by Carl E. Conner (Principal Investigator) and Barbara J. Davenport of GRI. Field work was performed between the 18<sup>th</sup> and 21<sup>st</sup> of April 2007. A total of about 206.5 acres (BLM 188, State 18.5) was inspected.

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

## **Location of Project Area**

The study area's discrete units lie southwest of Vernal, Utah, in the Sheep Wash/ Uteland Butte area of Uintah County. The 10-acre blocks surveyed for the proposed new well locations, and the 200-foot-wide corridors inventoried for the proposed new access roads and/or pipeline routes are in T. 9 S., R. 18 E., Sections 25, 26, 33 and 36; and, T. 9 S., R. 19 E., Sections 18, 19 and 32; T. 10 S., R. 18 E., Sections 1, 3 and 10; T. 10 S., R. 19 E., Section 6; SLBM.

## **Environment**

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



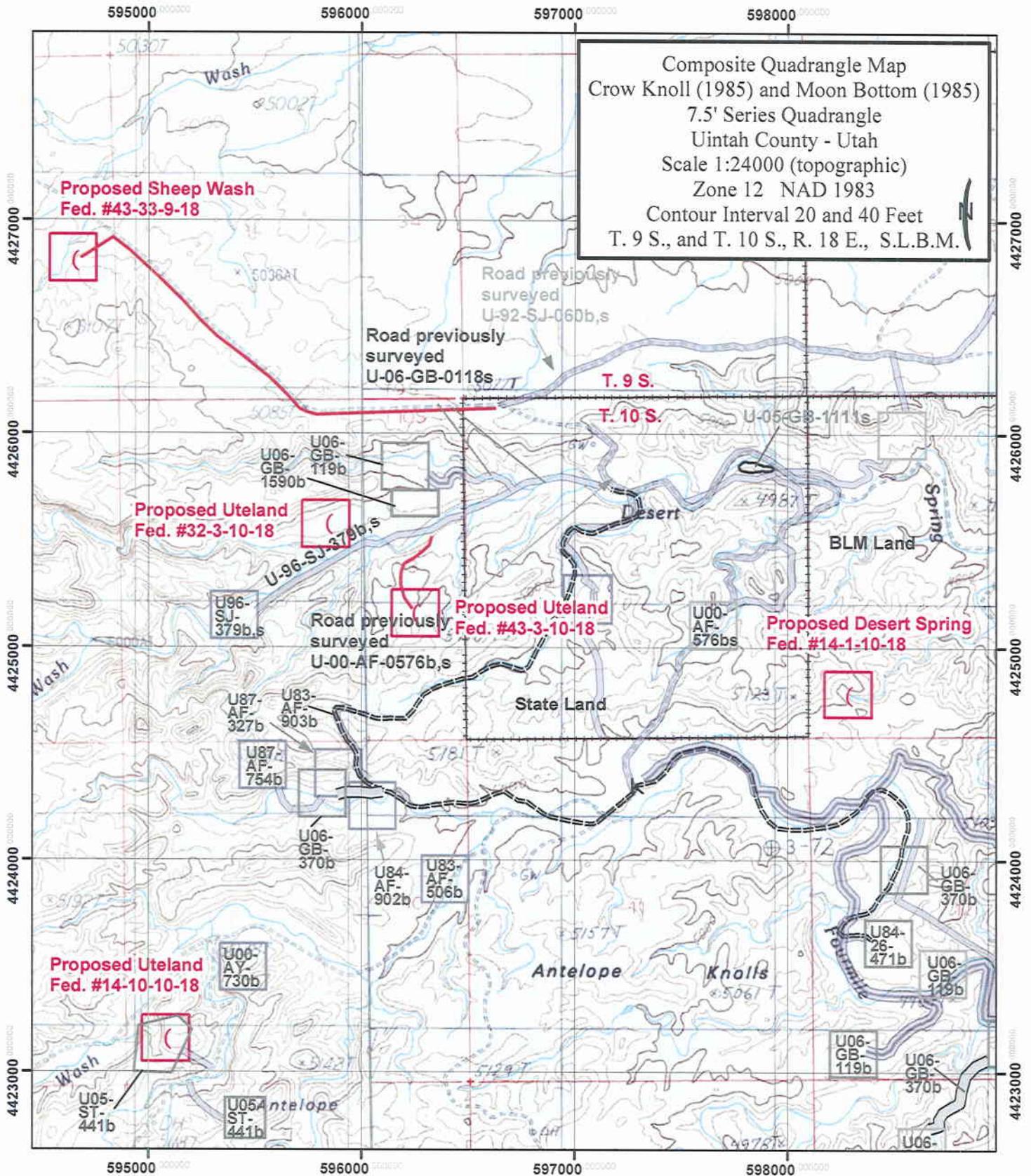


Figure 2. Prefield area map (2 of 3) for the Class III cultural resources inventory of 16 proposed Federal and State well locations and short new accesses in the Sheep Wash and Uteland Butte areas of Uintah County, Utah, for Gasco Production Co. Areas to be surveyed are indicated. [Grand River Institute #2722, April 2007]

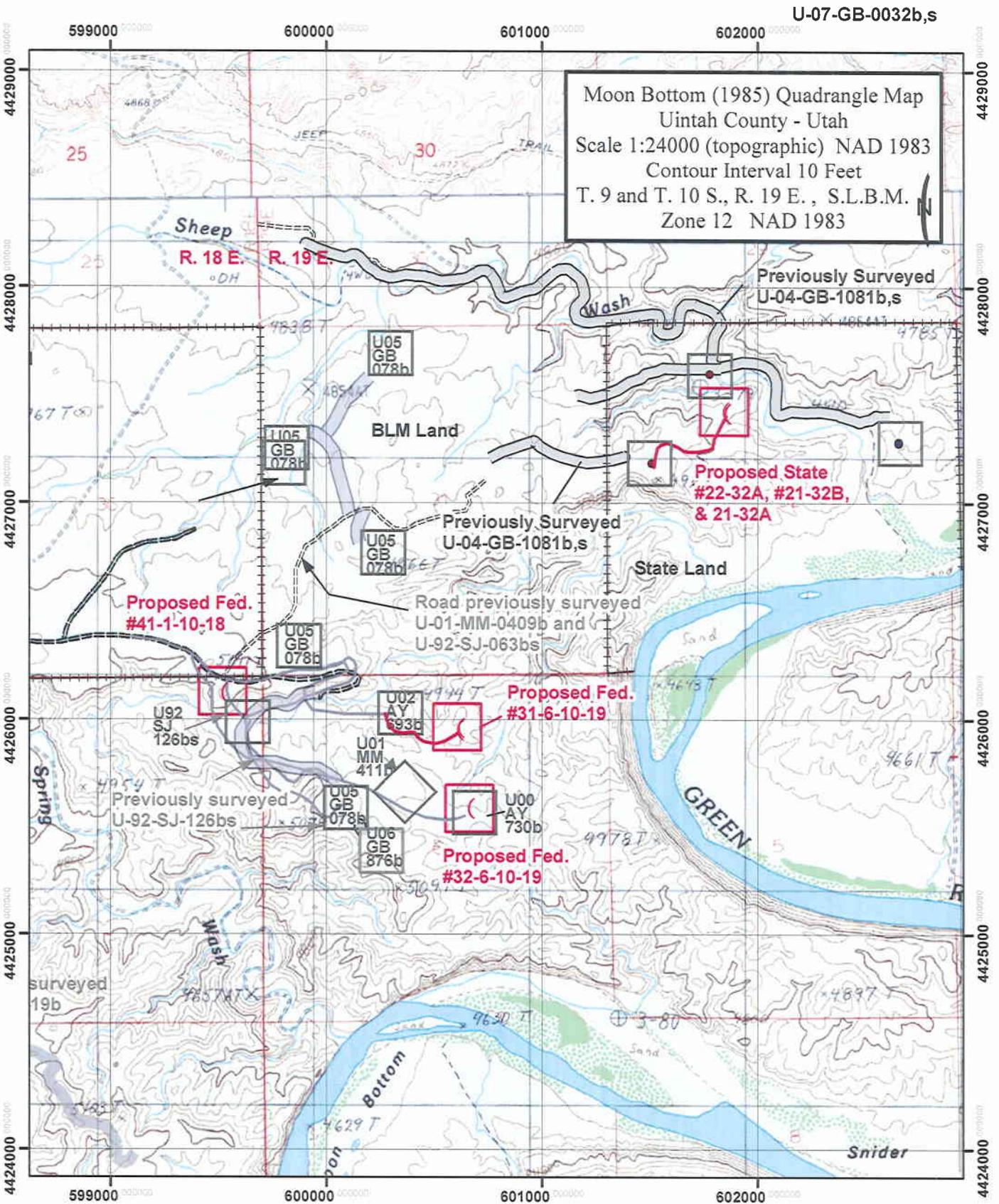


Figure 3. Prefield area map (1of3) for the Class III cultural resources inventory of 16 proposed Federal and State well locations and short new accesses in the Sheep Wash and Uteland Butte areas of Uintah County, Utah, for Gasco Production Co. Areas to be surveyed are indicated. [Grand River Institute #2722, April 2007]

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

Elevations in the project area range from 4780-to-4950 feet. The terrain is characterized as bench land that is cut by dendritic washes. Vegetation is a shadscale desert community throughout most of the area. Notably, Indian Ricegrass occurs on the stabilized dunes that border many of the small buttes in the area, and may have been a significant source of food for the native inhabitants. Regional faunal inhabitants include deer, antelope, elk, black bear, coyote, mountain lion, cottontails, jack rabbits, and various raptors.

A cool, mid-latitude steppe climate prevails. Annual precipitation of this elevation range is between 7 and 10 inches. Temperatures range from 100°F in the summer to -40°F in January. Paleoenvironmental data are scant, but it is generally agreed that gross climatic conditions have remained fairly constant over the last 12,000 years. However, changes in effective moisture, and cooling-warming trends probably affected the prehistoric occupation of the region.

## Files Search

Files searches were conducted through BLM and UDSH. Previous projects in the areas near the inventory blocks and linear routes are numerous and generally relate to oil and gas development. Those that are adjacent to the project areas are discussed below.

Numerous projects have been completed in the Sections indicated in the Location of Project portion of the report. Significant to this report are those projects shown on Figures 1-3, including: U92-SJ-126b,s, U96-SJ-379b,s, U01-MQ-694b, U02-AY-693b, U04-GB-1081b,s, U05-GB-236b, U05-ST-441b, U06-GB-119b, 06-MQ-0657b,i,p,s. As part of U96-SJ-379b,s two sites (42UN2290 and 42UN2291) were recorded along the existing access road to the connecting, proposed new access roads to the Uteland Fed. #32-3-10-18 and the Uteland Fed. #43-3-10-18. Both of the sites were apparently avoided by the previous construction of the existing access. Site 42UN2290, a prehistoric open camp that was previously evaluated as significant, is close to the proposed access to the #32-3, so it was revisited by the current project to determine its relationship to the proposed action. In addition, site 42UN2844, a cairn recorded as part of #U-01-MM-0411, was originally recorded within the impact area of the proposed Fed. #41-1-10-18 well location, and was also relocated as part of this project.

Regional archaeological studies suggest nearly continuous human occupation of northeastern Utah for the past 12,000 years. Evidence of the Paleoindian Tradition, the Archaic Tradition, Fremont Culture, and Protohistoric/Historic Utes has been found.

Historic records suggest occupation or use by EuroAmerican trappers, settlers, miners, and ranchers as well. Overviews of the prehistory and history of the region are provided in the Utah BLM Cultural Resource Series No. 11, Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah with a Regional Predictive Model for Site Locations (Chandler and Larralde 1980), and in Cultural Resources Existing Data Inventory Vernal District, Utah (Jones and Mackay 1980).

### **Study Objectives**

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

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

### **Field Methods**

A Class III, 100% pedestrian, cultural resources survey of the proposed well locations was made by walking a series of concentric circles (spaced at 15m intervals) around the flagged centers to diameters of 750 feet. The related access and pipeline routes not included within the 10-acre study plots or the previous survey areas were surveyed by walking four parallel transects spaced at 15m intervals and centered on the flagged lines to cover corridors 200 feet wide.

Cultural resources were sought as surface exposures and were characterized as sites or isolated finds. Sites were defined by the presence of six or more artifacts and/or significant feature(s) indicative of patterned human activity. Isolated finds were defined by the presence of 1 to 5 artifacts apparently of surficial nature. Cultural resources encountered were to be recorded to standards set by the Utah Division of State History (UDSH).

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

## Study Findings

As expected, cultural resources were encountered during the survey. Three isolated finds and one site (42UN5806) were newly recorded. Previously recorded sites 42UN2290 and 42UN2844 were revisited to ascertain their relationship to the proposed well locations. No paleontological resources were found. This portion of the report presents a discussion of site significance evaluation, describes the sites and provides their field evaluations, and lists the isolated finds. Appendix A contains the resources' location data and the IMACS site forms.

## Site Significance

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

The Code of Federal Regulations was used as a guide for the in-field site evaluations. Titles 36 CFR 50, 36 CFR 800, and 36 CFR 64 are concerned with the concepts of significance and (possible) historic value of cultural resources. Titles 36 CFR 65 and 36 CFR 66 provide standards for the conduct of significant and scientific data recovery activities. Finally, Title 36 CFR 60.4 establishes the measure of significance that is critical to the determination of a site's NRHP eligibility, which is used to assess a site's research potential:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and **a)** that are associated with events that have made a significant contribution to the broad patterns of history; or **b)** that are associated with the lives of persons significant in our past; or **c)** that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or **d)** that have yielded, or may be likely to yield, information important in the prehistory or history.

## Site Descriptions

Site **42UN2290** is a prehistoric lithic scatter that was originally recorded in 1996 by Christensen, Weymouth and King of Sagebrush Archaeological Consultants with project #U-96-SJ-0379b,s. At that time the site was described "as a low density prehistoric lithic

scatter with two hearth features (H1 and H2) located on a low, gently sloping bench above Desert Spring Wash. The site measures 10m (32.8 feet) northwest-southeast by 12m (39.36 feet) northeast-southwest.

The exposed lithic assemblage reflects primary and secondary core reduction of quartz, white quartzite and thermally and non-thermally altered orange, white, tan, and grey cherts. Grey and tan chert cobbles eroding from the landform were noted, and may have been thermally altered for on-site reduction. H1, a stone slab lined fire hearth, survives, in excellent condition. This circular feature consists of local tabular sandstone and angular sedimentary fire-cracked-rock (FCR) and possesses an inner diameter of 57cm (22.4). H2 is a possible deflated fire hearth or FCR scatter. No charcoal or carbon staining of surrounding sediments was observed. No temporally diagnostic artifacts were observed, however H1 has C<sup>14</sup> dating potential due to its high degree of archaeological integrity.”

The site was relocated with the present project. New UTM coordinates and photos were taken and a new map generated. The site appears in much the same condition as originally recorded, despite the passage of 11 years since that time. The upgraded access road was also mapped in, and has to date, avoided impacting the site. Accordingly, no changes are made to its original recommendation as a significant site.

#### Evaluation and Management Recommendation

The site is field evaluated as significant. Although partially deflated by erosion, subsurface depth of cultural fill is likely and the site may contribute additional important information to the prehistory of the area. Presently, it lies 21 meters southeast of the edge of the existing road and will not be directly affected by the proposed new access to the Uteland Federal #32-3-10-18 well location (which will be located on the northwest side of the existing road). Accordingly, no further work is necessary.

---

Site **42UN2844** was originally recorded in 2001 by L. Travis of Metcalf Archaeological Consultants in conjunction with an access road upgrade project #U-01-MM-0411. The site was described at that time as a cairn and three flakes.

The site was relocated with the present project, new UTM coordinates and photos were taken and a new map generated. The cairn appears to be partially collapsed since its original recording and the previously noted flakes were not found. The site was originally unevaluated.

#### Evaluation and Management Recommendation

The site is field evaluated as non-significant and not likely to contribute additional historic information. The site lies outside the 10-acre survey area for the proposed Federal #41-1-10-18 well location and will not be directly affected by the proposed project. Accordingly, no further work is necessary.

Site **42UN5806** is a prehistoric open lithic site located in the bottom of Desert Springs Wash at 4660 feet elevation. The site is situated in a sand shadow on the east side of a low ridge, south of the main drainage. Vegetation is desert shadscale with four-wing saltbush. Nearby, the main drainage contains tamarisk and water is near the surface in this area. Two other sites have been previously recorded (42UN2290 and 42UN2291) in the near vicinity and are likely present due to the access to water in the main drainage.

The site measures approximately 27 meters by 15 meters. Artifacts consist of two scrapers, one drill and a flake. The scrapers are both of porcellanite, one on a natural blade with a single utilized edge. The drill measures 4.56 x 2.0cm and is of white opalitic chert. The flake is a small, secondary opalitic variety of chert. No thermal or architectural features were observed. However, since the site is located in an area of accumulated soil deposits and artifacts are apparently eroding from those soils, subsurface depth of cultural fill may be present. In light of this possibility, the site is field evaluated as significant.

Evaluation and Management Recommendation

The site is field evaluated as significant. Subsurface depth of cultural fill is likely and may contribute additional important information to the prehistory of the area. It is presently within the impact area for the proposed new road to the Fed. #43-3-10-18 well location and should be avoided. An alternate route was inventoried to the east of the originally flagged road to allow for its movement in that direction.

---

**Table 1. List of Isolated Finds**

Number	Type
IF #1	2 scrapers: 1 very large, quartzite; 1 small, endscraper with chert
IF#2	Mano, cobble, sandstone
IF #3	Flake, medium-sized, mudstone

---

**Summary of Site Evaluations and Management Recommendations**

The eligibility determination and consultation process is guided by Section 106 of the NHPA (36 CFR 60, 63, and 800). Inventory to identify, evaluate, and mitigate potential effects to cultural resources affected by an undertaking is the first step in the Section 106

process. BLM actions cannot be authorized until the Section 106 process is completed (36 CFR 800.3). In brief, the inventory recorded two prehistoric lithic scatters and two isolated finds.

As indicated by the files searches, two sites (42UN2290 and 42UN2844) were previously recorded near or within two of the project's discrete areas. The two previously recorded sites were relocated as part of this project and found to lie outside impact areas, so no further work is recommended for them. Three isolated finds and one site (42UN5806) were newly recorded. The site was field evaluated as significant and eligible for listing on the National Register of Historic Places. It is presently within the impact area for the proposed new road to the Fed. #43-3-10-18 well location and should be avoided. An alternate route was inventoried to the east of the originally flagged road to allow for its movement in that direction.

## References

- Jones, Kevin T. and K.L. Mackay  
1980 Cultural Resources Existing Data Inventory Vernal District, Utah. Report of Investigations 80-18, University of Utah, Salt Lake City.
- Hauck, F. Richard and Dennis G. Weder  
1989 Pariette Overlook – A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. Ms on file, Bureau of Land Management Vernal Field Office.
- Larralde, Signa L. and Susan M. Chandler  
1980 Archaeological inventory in the Seep Ridge Cultural Study Tract, Uintah County, Utah. In: Utah BLM Cultural Resource Series No. 11. Bureau of Land Management, Salt Lake City.
- Rigby, J. Keith  
1976 Northern Colorado Plateau. Kendall/Hunt Publishing Company. Dubuque.

**APPENDIX A: Resources Location Data and IMAC and Isolated Find Forms**

**Table A-1. Location data for cultural resources.**

<b>Number</b>	<b>Type</b>	<b>UTM Location (NAD83)</b>
42UN2290	Open camp	12; 596152mE; 4425494mN
42UN2844	Cairn	12; 599684mE; 4426159mN
42UN5806	Open Lithic	12; 596340mE; 4425500mN
IF #1	2 scrapers: 1 very large, quartzite; 1 small, endscraper with chert	12; 599753mE; 4431615mN
IF#2	Mano, cobble, sandstone	12; 599865mE; 4431581mN
IF #3	Flake, medium-sized, mudstone	12; 599859mE; 4430802mN

# PALEONTOLOGY EVALUATION SHEET

---

**PROJECT:** GASCO ENERGY Well - Federal #13-18-9-19

**LOCATION:** Twenty miles south, southeast of Roosevelt, Utah in 1787' FSL 764' FWL Section 18, T 9S, R 19 E, Uinta County, Utah

**OWNERSHIP:** PRIV[ ] STATE[ ] BLM[X] USFS[ ] NPS[ ] IND[ ] MIL[ ] OTHER[ ]

**DATE:** April 16, 2007

**GEOLOGY/TOPOGRAPHY:** Rock exposures are sandstones and mudstones of the upper part of the lower member of the Uinta Formation, Upper Eocene age. Well pad sits on a southeast slope with low hill to the north. Pit is into the hill. Mostly sand cover except for the hill. Red silt layer with a thin sandstone at the northeast. Platy tan sandstone exposed several yards west of the center stake and a little further east..

**PALEONTOLOGY SURVEY:** YES [ ] NO Survey [ ] PARTIAL Survey [ X ]  
Surveyed rock exposures a long the road, pipeline and in the well pad area.

**SURVEY RESULTS:** Invertebrate [ ] Plant [ ] Vertebrate [ ] Trace [ ] No Fossils Found [ X ]

**PALEONTOLOGY SENSITIVITY:** HIGH [ ] MEDIUM [ x ] LOW [ X ] (PROJECT SPECIFIC)

**MITIGATION RECOMMENDATIONS:** NONE [ X ] OTHER [ ] (SEE BELOW)

No recommendations are being made.

There is always a chance of encountering vertebrate fossil when working in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist contacted to evaluate the material discovered.

**EVALUATION BY PALEONTOLOGIST:** Alden H. Hamblin

*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355*  
Utah State Paleontological Permit # 07-355, BLM paleontological Resources Permit # UT-S-05-02.  
Utah Professional Geologist License – 5223011-2250.

# GASCO PRODUCTION COMPANY

FEDERAL #13-18-9-19

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 18, T9S, R19E, S.L.B.&M.

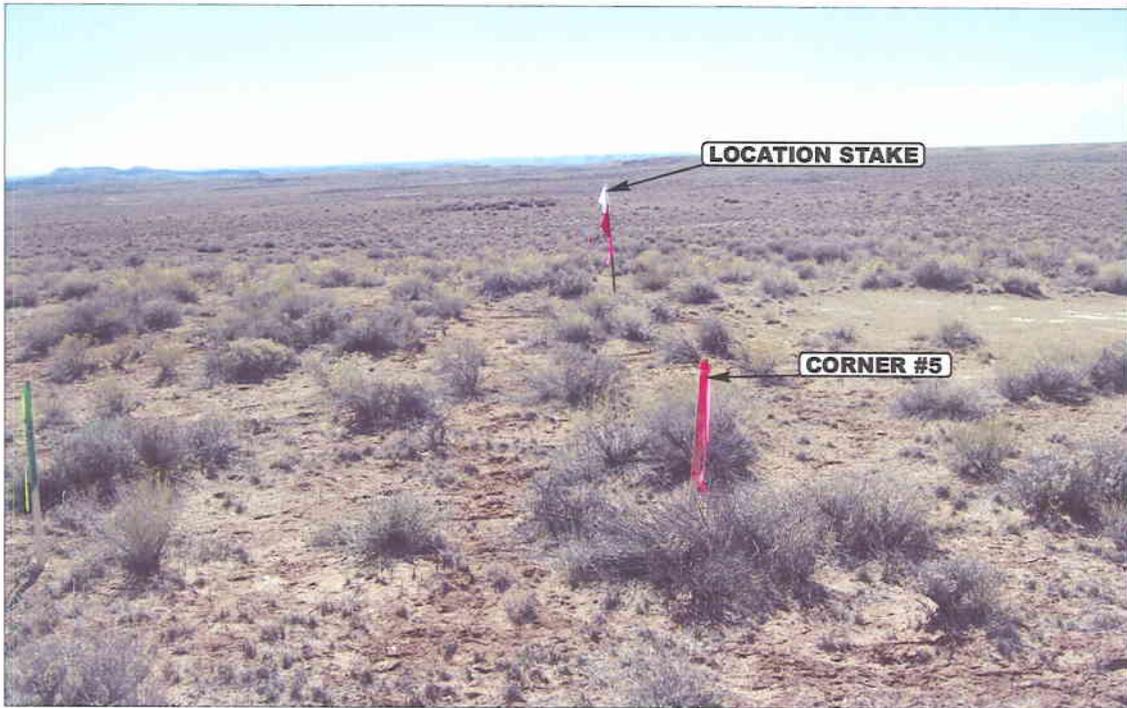


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

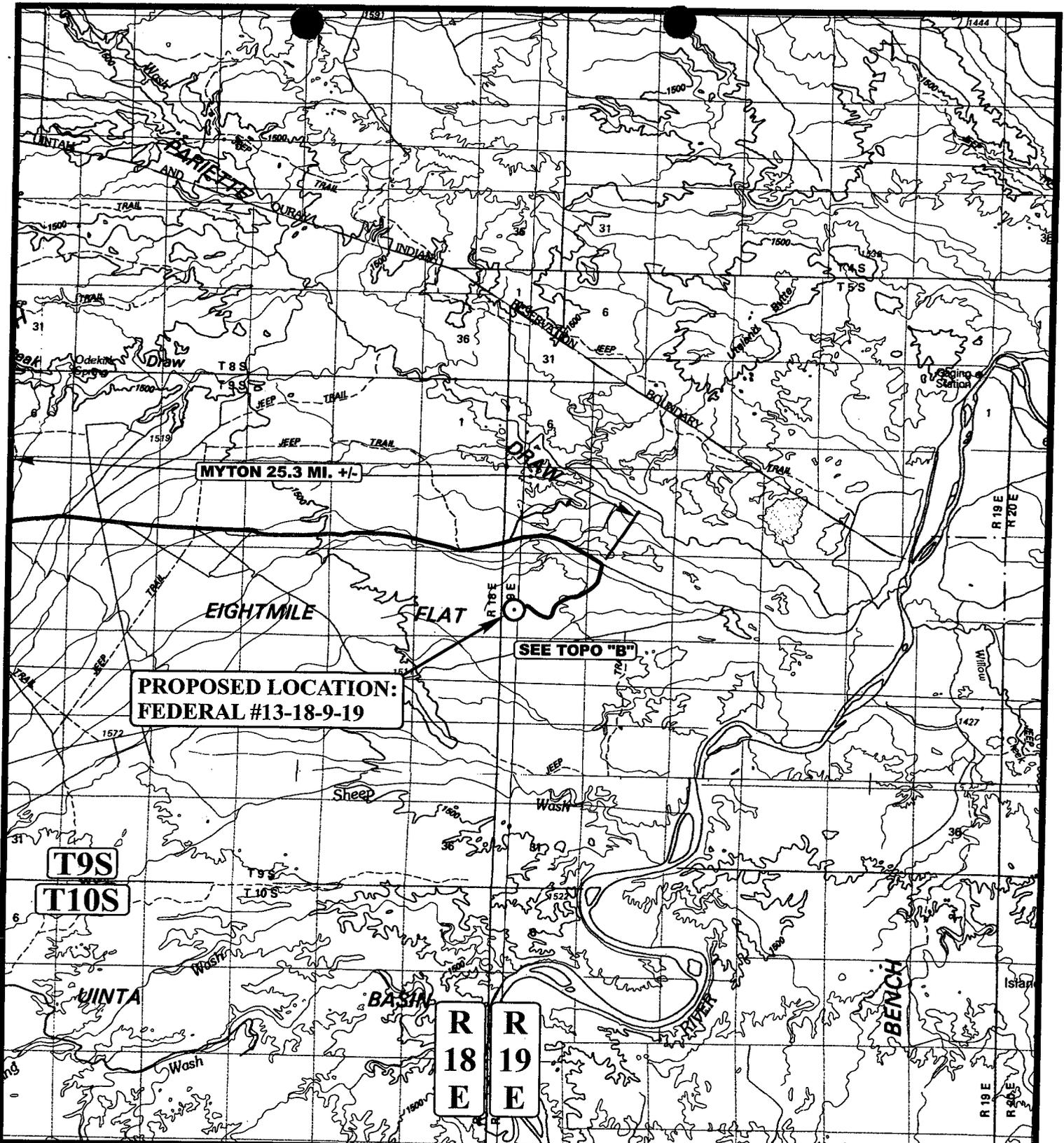
03 20 07  
MONTH DAY YEAR

PHOTO

TAKEN BY: J.W.

DRAWN BY: C.P.

REVISED: 00-00-00



**LEGEND:**

⊙ PROPOSED LOCATION



**GASCO PRODUCTION COMPANY**

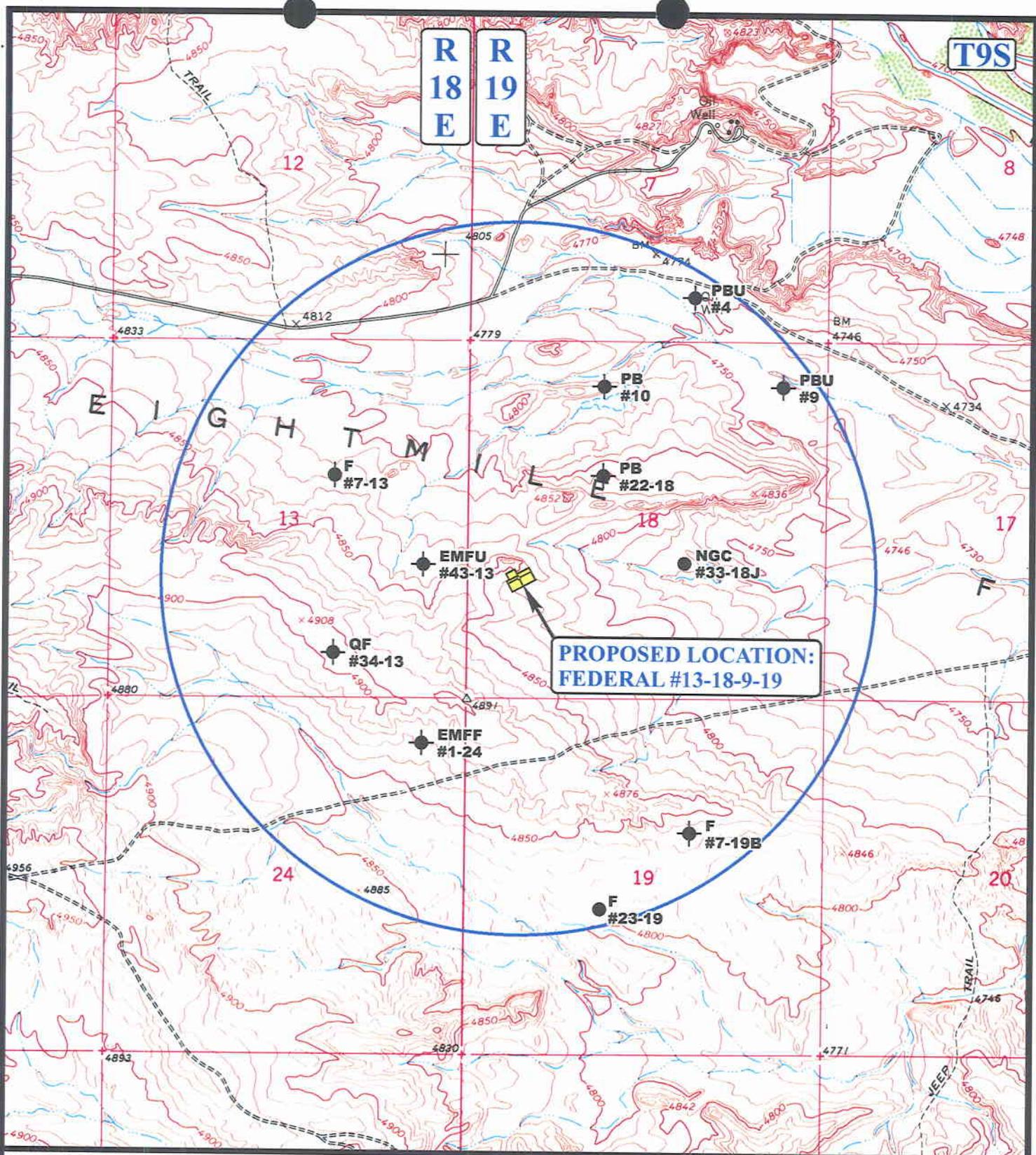
FEDERAL #13-18-9-19  
SECTION 18, T9S, R19E, S.L.B.&M.  
1782' FSL 764' FWL



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

TOPOGRAPHIC			03	20	07	A TOPO
MAP			MONTH	DAY	YEAR	
SCALE: 1:100,000		DRAWN BY: C.P.		REVISED: 00-00-00		





**PROPOSED LOCATION:  
FEDERAL #13-18-9-19**

**LEGEND:**

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



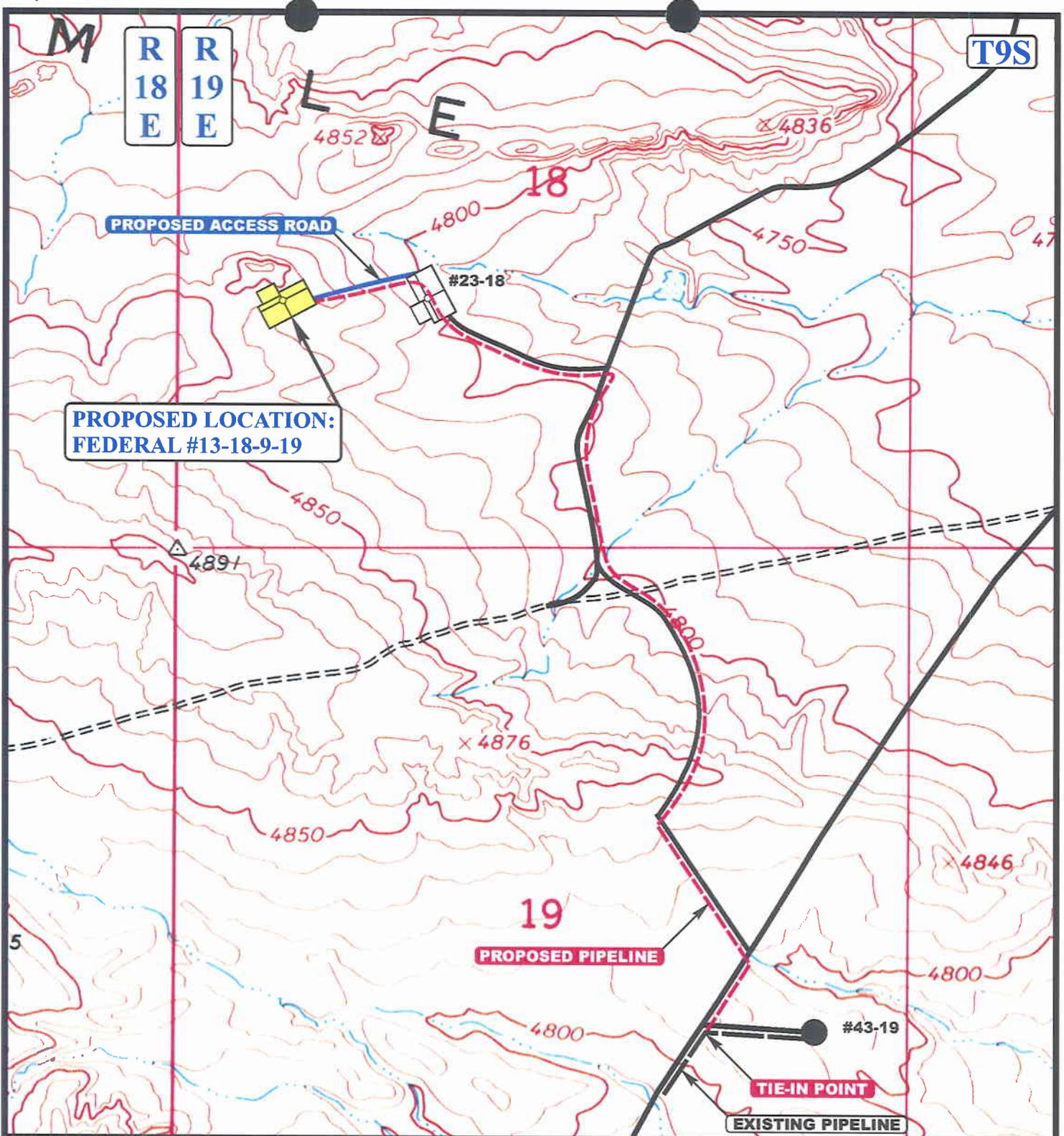
**GASCO PRODUCTION COMPANY**  
**FEDERAL #13-18-9-19**  
**SECTION 18, T9S, R19E, S.L.B.&M.**  
**1782' FSL 764' FWL**



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

**TOPOGRAPHIC MAP** 03 20 07  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**PROPOSED LOCATION:  
FEDERAL #13-18-9-19**

**PROPOSED ACCESS ROAD**

**PROPOSED PIPELINE**

**TIE-IN POINT**

**EXISTING PIPELINE**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 7,900' +/-**

**LEGEND:**

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



**GASCO PRODUCTION COMPANY**

**FEDERAL #13-18-9-19  
SECTION 18, T9S, R19E, S.L.B.&M.  
1782' FSL 764' FWL**



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

**TOPOGRAPHIC MAP** 03 2007  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

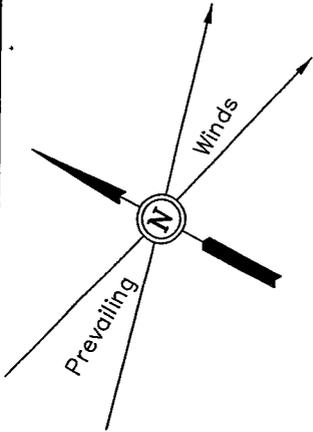


# GASCO PRODUCTION COMPANY

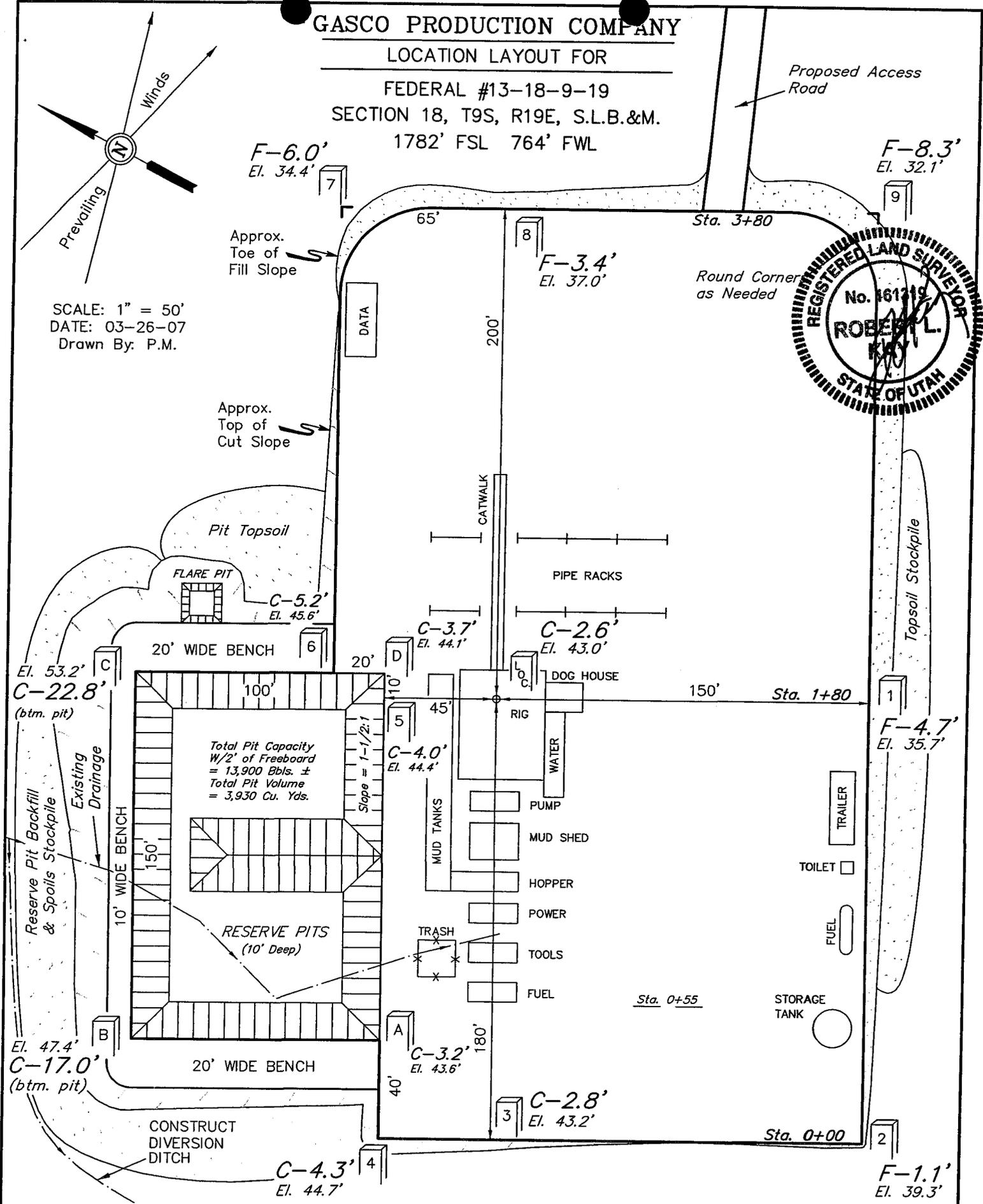
## LOCATION LAYOUT FOR

FEDERAL #13-18-9-19  
SECTION 18, T9S, R19E, S.L.B.&M.  
1782' FSL 764' FWL

Proposed Access Road



SCALE: 1" = 50'  
DATE: 03-26-07  
Drawn By: P.M.



Total Pit Capacity  
W/2' of Freeboard  
= 13,900 Bbls. ±  
Total Pit Volume  
= 3,930 Cu. Yds.

RESERVE PITS  
(10' Deep)

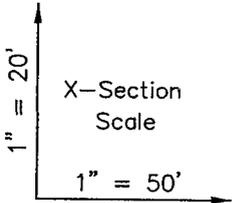
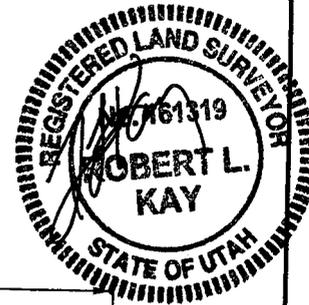
Elev. Ungraded Ground at Location Stake = 4843.0'  
Elev. Graded Ground at Location Stake = 4840.4'

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

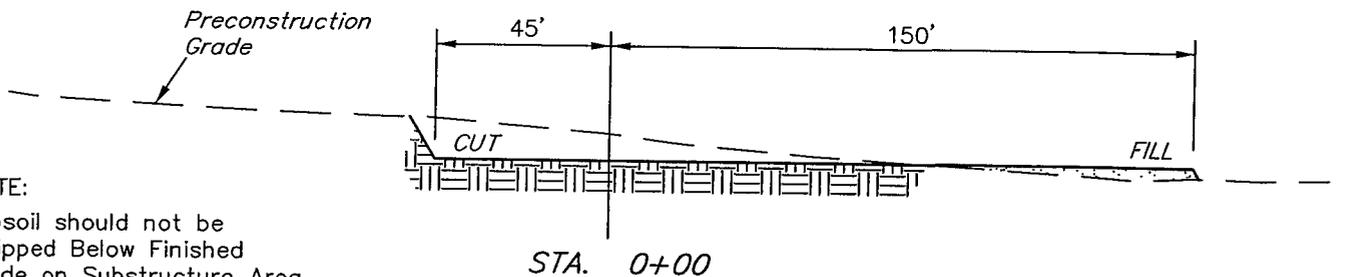
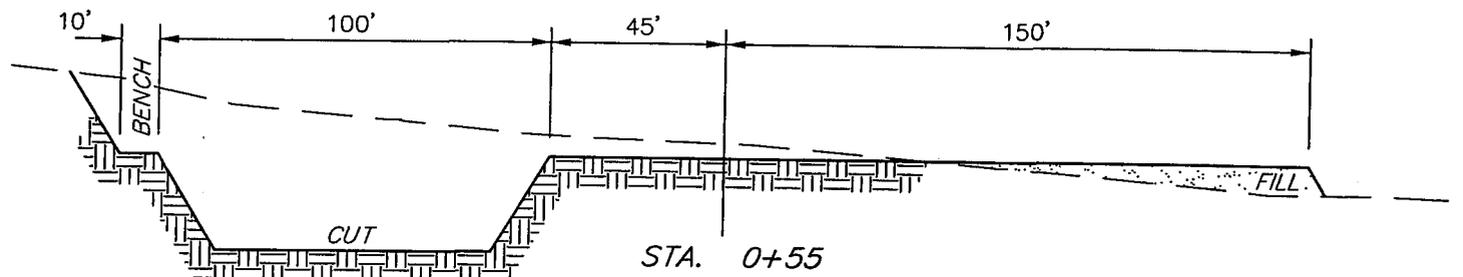
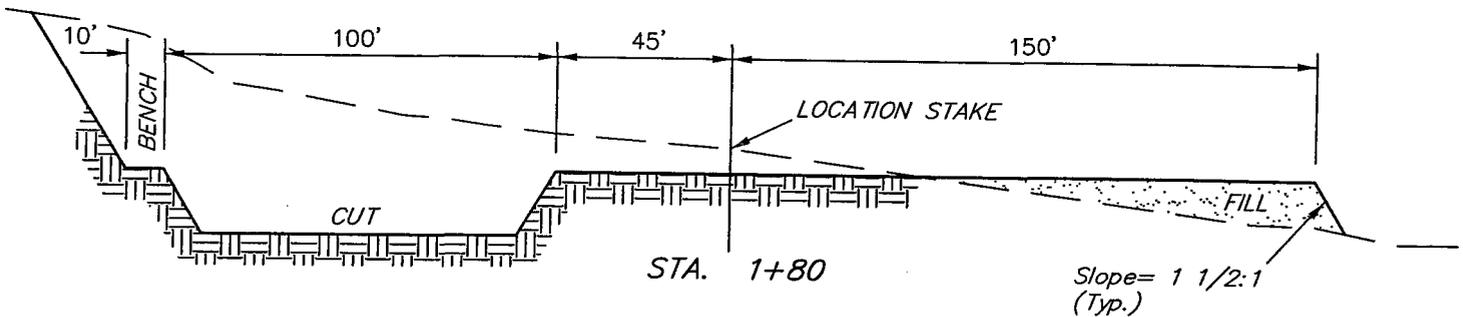
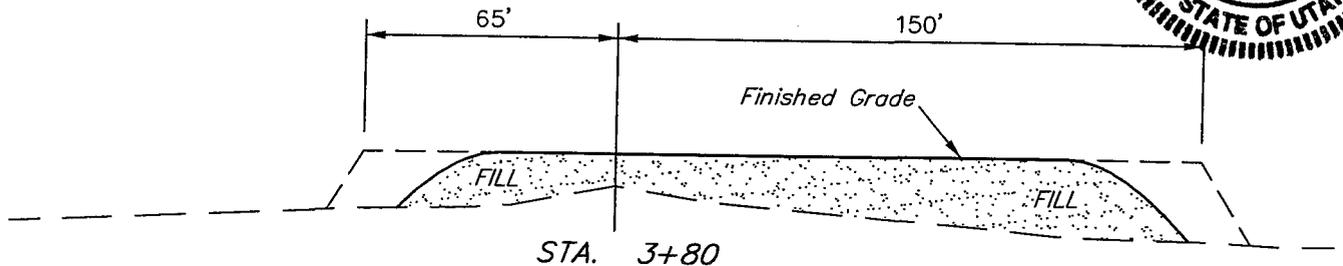
# GASCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

FEDERAL #13-18-9-19  
SECTION 18, T9S, R19E, S.L.B.&M.  
1782' FSL 764' FWL



DATE: 03-26-07  
Drawn By: P.M.



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

**\* NOTE:**  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 2,110 Cu. Yds.

Remaining Location = 10,160 Cu. Yds.

**TOTAL CUT = 12,270 CU.YDS.**

**FILL = 8,190 CU.YDS.**

EXCESS MATERIAL = 4,080 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,080 Cu. Yds.

EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

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

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/08/2007

API NO. ASSIGNED: 43-047-39776

WELL NAME: FEDERAL 13-18-9-19

OPERATOR: GASCO PRODUCTION ( N2575 )

PHONE NUMBER: 303-483-0044

CONTACT: VENESSA LANGMACHER

PROPOSED LOCATION:

NWSW 18 090S 190E

SURFACE: 1782 FSL 0764 FWL

BOTTOM: 1782 FSL 0764 FWL

COUNTY: UINTAH

LATITUDE: 40.02856 LONGITUDE: -109.8292

UTM SURF EASTINGS: 599904 NORTHINGS: 4431373

FIELD NAME: PARIETTE BENCH ( 640 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-016544

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)

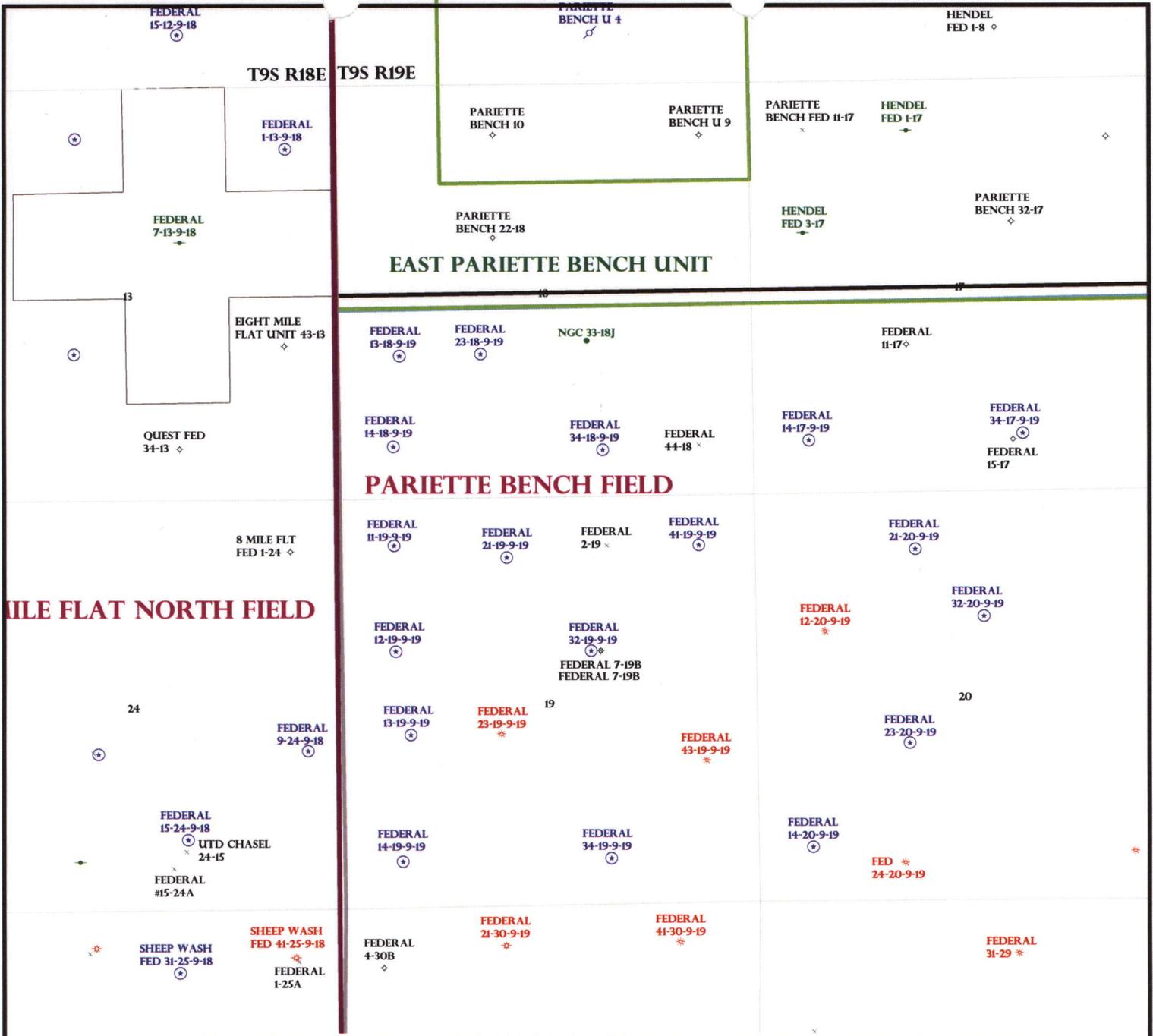
LOCATION AND SITING:

- 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

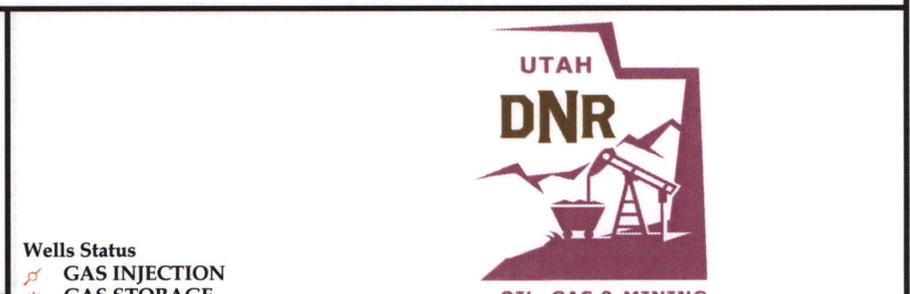
COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1. *Federal Approval*  
2. *Spacing Strip*



OPERATOR: GASCO PROD CO (N2575)  
 SEC: 18,19 T.9S R. 19E  
 FIELD: PARIETTE BENCH (640)  
 COUNTY: UINTAH  
 SPACING: R649-3-2 / GENERAL SITING



- 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



PREPARED BY: DIANA MASON  
 DATE: 09-NOVEMBER-2007

- |                     |                    |
|---------------------|--------------------|
| <b>Field Status</b> | <b>Unit Status</b> |
| ⬜ ABANDONED         | ⬜ EXPLORATORY      |
| ⬜ ACTIVE            | ⬜ GAS STORAGE      |
| ⬜ COMBINED          | ⬜ NF PP OIL        |
| ⬜ INACTIVE          | ⬜ NF SECONDARY     |
| ⬜ PROPOSED          | ⬜ PENDING          |
| ⬜ STORAGE           | ⬜ PI OIL           |
| ⬜ TERMINATED        | ⬜ PP GAS           |
|                     | ⬜ PP GEOTHERML     |
|                     | ⬜ PP OIL           |
|                     | ⬜ SECONDARY        |
|                     | ⬜ TERMINATED       |



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil Gas and Mining**

JOHN R. BAZA  
Division Director

November 13, 2007

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

Re: Federal 13-18-9-19 Well, 1782' FSL, 764' FWL, NW SW, Sec. 18, 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 43-047-39776.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Gasco Production Company  
Well Name & Number Federal 13-18-9-19  
API Number: 43-047-39776  
Lease: UTU-016544

Location: NW SW                      Sec. 18                      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 Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

3. Reporting Requirements

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 11 2007  
~~2006~~

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-016544</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>303-483-0044</b> <b>Gasco Production Company</b>		7. If Unit or CA Agreement, Name and No. <b>N/A</b>
3. Name of Agent <b>303-857-9999</b> <b>Permitco Inc. - Agent</b>		8. Lease Name and Well No. <b>Federal #13-18-9-19</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>1782' FSL and 764' FWL</b> At proposed prod. zone <b>NW SW</b>		9. API Well No. <b>43-047-39776</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximately 26.65 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>Approx. 764'</b>	16. No. of Acres in lease <b>520</b>	11. Sec., T., R., M., or Blk, and Survey or Area <b>Section 18, T9S-R19E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Approx. 2500'</b>	19. Proposed Depth <b>13,315'</b>	12. County or Parish <b>Uintah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4843' GL</b>	20. BLM/BIA Bond No. on file <b>Bond #UT-1233</b>	13. State <b>UT</b>
22. Approximate date work will start* <b>ASAP</b>		17. Spacing Unit dedicated to this well <b>40 Acres; NW SW</b>
23. Estimated duration <b>35 Days</b>		24. Attachments <b>CONFIDENTIAL-TIGHT HOLE</b>

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>7/9/2007</b>
Title <b>Authorized Agent for Gasco Production Company</b>		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) <b>JERRY HENCKA</b>	Date <b>1-18-2008</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)

**FEB 14 2008**

DIV. OF OIL, GAS & MINING

*4006M*  
*07PP 1417A*  
**NOTICE OF APPROVAL**

*NPS 2/20/07*  
**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 13-18-9-19  
**API No:** 43-047- 39776

**Location:** NWSW, Sec. 18, T9S, R19E  
**Lease No:** UTU- 16544  
**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	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

**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)**

- 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.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Site Specific Conditions of Approval:**

- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APD.
- The operator shall paint all facilities Covert Green (18-0617 TPX).
- A timing restriction on construction and drilling (including completion) from April 1 – August 31, is in order to protect nesting burrowing owls. If the operator wishes to construct from April 1 to August 31 a qualified biologist may conduct a burrowing owl survey. If no birds are present at the time of survey, Gasco may begin construction.
- A timing restriction on construction and drilling (including completion) from May 15 – June 15, is in order to protect nesting mountain plovers. If the operator wishes to construct from May 15 to June 15 a qualified biologist may conduct a mountain plover survey. If no birds are present at the time of survey, Gasco may begin construction.
- 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 jamesii</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.		

- Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- A surface casing shoe integrity test shall be performed.
- 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.
- Prior approval for deepening this wellbore is required and a third ram shall be added to the 5M BOPE.
- The commingling approval can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

**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.
- While actively drilling, 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**CONFIDENTIAL**

**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    3b. Phone No. (include area code)  
 8 Inverness Drive East Ste 100 Englewood, Co 80112    303-483-0044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1782' FSL & 764' FWL  
 NW SW of Section 18-T9S-R19E

5. Lease Serial No.  
 UTU-016544

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 13-18-9-19

9. API Well No.  
 43-047-39776

10. Field and Pool, or Exploratory Area  
 Wildcat

11. County or Parish, State  
 Uintah, 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 checked="" 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		
	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*This well is currently permitted to 13,315  
 Gasco Production Co would like to attempt to complete this well within the Mancos at 15,240  
 The maximum anticipated mud weight will be 11.5# gallon  
 The only change to the casing design will be the additional footage of 4-1/2" 15.1#/ft P-110  
 LT&C casing.  
 The cement design has been revised to accommodate the additional well depth. Additionally  
 the cement system to be used has been revised as follows:  
 523 sacks of 35:65 Poz "G" 11.5 PPG, 3.05 yield  
 1875 sacks 50:50 Poz "G", 14.1 PPG, Yield = 1.28 cu.ft/sk  
 This cement design should result in a cement top at 2500'. If hole conditions indicate, the number  
 of sacks of cement will be increased to achieve a calculated cement top of 2500'. Final top of  
 cement will be verified by CBL.  
 Gasco will be installing a 3rd ram on the BOP stack*

**COPY SENT TO OPERATOR**  
 Date: 7-10-2008  
 Initials: KS

**Federal Approval of this  
 Action is Necessary**

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

Name (Printed Typed)    Title  
 Beverly Walker    Engineering Technician

Signature    Date  
*Beverly Walker*    June 27, 2008

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

Approved by *[Signature]*    Title: **BRADLEY G. HILL**    Date: 07-09-08  
 ENVIRONMENTAL MANAGER

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**  
**JUL 07 2008**

**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
4304739776	Federal 13-18-9-19		NWSW	18	9	19	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17149	10/17/2008		10/28/08		
Comments: Spud Well MNCs							<b>CONFIDENTIAL</b>

**Well 2**

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

**Well 3**

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

**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)

Jessica Berg

Name (Please Print)

*Jessica Berg*

Signature

Production Clerk

10/23/2008

Title

Date

(5/2/00)

**RECEIVED**  
**OCT 27 2008**





# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R19E S-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>13,315</b>	Prog Depth: <b>13,315</b>	Date: <b>11/17/2008</b>	Days since spud: <b>RM 3</b>
<b>Current: Operations: RIG UP TO SPUD</b>					
Depth:		Prog:	D Hrs:	ROP	Formation:
DMC:		TMC:	TDC	\$34,650	CUM Cost \$279,650
Contractor: <b>NABORS 99</b>		Mud Co: <b>MI DRLG FLUIDS</b>	<b>TANGIBLE COST</b>		<b>INTANGIBLE COST</b>
MW:	#1 F-1000 3.5 gpm	Bit #:	Conductor:	\$ -	Loc, Cost: \$
VIS:	SPM:	Size:	Surf. Csg:		Rig Move: \$
PV/YP:	#2 F-1000 3.5 gpm	Type:	Int. Csg:	\$ -	Day Rate: Moving \$ 23,500
Gel:	SPM:	MFG:	Prod Csg:	\$ -	Rental Tools: \$5,500
WL:	GPM:	S/N:	Float Equip:		Trucking: \$
Cake:	Press:	Jets:	Well Head:	\$ -	Water: \$
Solids:	AV DC:	Depth out:	TBG/Rods:	\$ -	Fuel: \$
MBT:	AV DP:	Depth in:	Packers:	\$ -	Casing Crew: \$
PH:	JetVel:	FTG:	Tanks:		Camp Cost: \$ 3,800
Pf/Mf:	ECD:	Hrs:	Separator:	\$ -	Cement: \$
Chlor:	SPR #1:	FPH:	Heater:	\$ -	Bit: # 0 \$
Ca:	SPR #2:	WOB:		\$ -	Mud Motors: \$
DAP/LCM	Btms. Up:	R-RPM:	Prime Mover:	\$ -	Consultant: \$ 1,500
Time Break Down:		Total D.T.	M-RPM:	Misc:	\$ -
START	END	TIME	Total Rot. Hrs:	Daily Total:	\$ -
6:00	22:00	16	0		
RIG UP BACK YARD GET POWER, STRING UP BLOCKS, RAISE DERRICK, RAISE FLOW					shaker screens: \$
RIG UP FLOOR & R/U CONDUCTOR. CONT. HARD BANDING & INSPECT 6' DC's					Contingency Drl: \$
22:00	06:00	8			
WAIT ON DAY LIGHT					
					Daily Total: \$ 34,650
<b>BHA</b>					
<b>RECEIVED</b>					
<b>NOV 17 2008</b>					
<b>DIV. OF OIL, GAS &amp; MINING</b>					
Total Hours		24			
	Depth	Feet To Go	Depth	Feet To Go	
	Wasatch	5338' 5338'	Sunnyside	12238' 12238'	
	Mesaverde	9258' 9258'	Kenilworth	12453' 12453'	
	Lower Measverd	10838' 10838'	Aberdeen	12558' 12558'	
	Castlegate	11778' 11778'	Spring cany	12693' 12693'	TOTAL BHA = 0.00
	Desert	12008' 12008'	Mancos	12823' 12823'	Survey





# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL  
T09S R19ES-18  
43-042-39776

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 13,315		Prog Depth: 13,315		Date: 11/19/2008		Days since spud: DRILL 1		
<b>Current: Operations: DRILLING 12-1/4" HOLE</b>										
Depth: 1741'		Prog: 1591'		D Hrs: 17.0		ROP: 94.0		Formation: <b>UINTA</b>		
DMC: \$1,300		TMC: \$1,300		TDC: \$72,900		CUM Cost: \$393,650				
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST		
MW:	8.5	#1 F-1000 3.5 gpm		Bit #:	1	Conductor: \$		Loc. Cost: \$		
VIS:	27	SPM: 100		Size:	12-1/4"	Surf. Csg:		Rig Move: \$		
PV/YP:	1/1	#2 F-1000 3.5 gpm		Type:	66HG	Int. Csg: \$ -		Day Rate: \$ 24,500		
Gel:	N/A	SPM: 100		MFG:	TRENDON	Prod Csg: \$ -		Rental Tools: \$5,500		
WL:	N/A	GPM: 700		S/N:	3499	Float Equip:		Trucking: \$		
Cake:	N/A	Press: 1050		Jets:	3X20,3X14	Well Head: \$ -		Water: \$		
Solids:	0.5	AV DC: 173		Depth out:		TBG/Rods: \$ -		Fuel: \$ 38,000		
MBT:	N/A	AV DP: 121		Depth in:	150	Packers: \$ -		Casing Crew: \$		
PH:	7.5	JetVel: 167		FTG:	1591	Tanks:		Camp Cost: \$ 600		
Pf/Mf:	.00/1.20	ECD: 8.52		Hrs:	17.0	Separator: \$ -		Cement: \$		
Chlor:	14800	SPR #1:		FPH:	94.0	Heater: \$ -		Bit: # 1 \$		
Ca:	700	SPR #2:		WOB:	8/25			Mud Motors: \$		
DAP/LCM	N/A	Btms. Up: 7		R-RPM:	30/50	Prime Mover: \$ -		Consultant: \$ 3,000		
Time Break Down:			Total D.T. 0		M-RPM: 117		Misc: \$ -		Drilling Mud, and DP chem: \$ 1,300	
START	END	TIME			Total Rot. Hrs: 17.0		Daily Total: \$ -		Misc. / Labor: \$	
6:00	09:00	3	CONTINUE RIGGING UP LAY OUT BHA & STRAP SAME				shaker screens: \$			
9:00	12:00	3	P/U BHA ALL 8" TAG BOTTOM AT 150' BREAK CIRC. CHECK FOR LEAKS OK TEST				Contingency Drlg: \$			
			BOTH PUMPS TO 800 PSI OK							
12:00	18:30	6.5	SPUD WELL RIG ON DAY RATE @ 12:00 HOURS 11/18/2008. DRILL FROM				Daily Total: \$ 72,900			
			150' TO 624' TELEDRIFT SURVEY @ 250' 1 DEGREE & 500' 1 DEGREE				<b>BHA</b>			
18:30	19:00	0.5	SERVICE RIG				Bit: #	12.25	1.00	
19:00	22:00	3	DRILL F/624' TO 1074' ROP = 150' PER/HR				MM .16	8	34.48	
22:00	22:30	0.5	WIRE LINE SURVEY @ 975' WAS 2 DEGREE				SS	8	8.49	
22:30	06:00	7.5	DRILL F/1074' TO 1741' ROP = 89' PER/HR. TELEDRIFT @ 945' WAS 2 DEGREE				TELEDRIFT TOOL	8	8.02	
			AND @ 1646' WAS 2 DEGREE				8" DC	8	29.77	
							IBS	8	6.10	
							8"DC	8	27.65	
							IBS	8	5.90	
							8"DC	8	29.72	
							X/O	8	2.30	
							15EA. 6" DC's	6.25	460.50	
<b>Total Hours</b>		<b>24</b>								
			Depth	Feet To Go	Depth	Feet To Go				
			Wasatch	5686' 3945'	Sunnyside	12466' 10725'				
			Mesaverde	9506' 7765'	Kenilworth	12706' 10965'				
			Lower Measverd	110969' 109228'	Aberdeen	12816' 11075'				
			Castlegate	12016' 10275'	Spring cany	12936' 11195'	<b>TOTAL BHA =</b>		<b>613.93</b>	
			Desert	12246' 10505'	Mancos	13066' 11325'	Survey	500	1	

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DIV. OF OIL, GAS & MINING



# GASCO ENERGY

## DAILY DRILLING REPORT

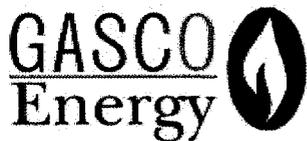
**CONFIDENTIAL**  
T09S R19E S18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>13,315</b>		Prog Depth: <b>13,315</b>		Date: <b>11/20/2008</b>		Days since spud: <b>2</b>		
<b>Current: Operations: T.O.O.H. FOR BIT</b>										
Depth: <b>2765'</b>		Prog: <b>1024'</b>		D Hrs: <b>20.0</b>		ROP: <b>51.2</b>		Formation: <b>UINTA</b>		
DMC: <b>\$1,281</b>		TMC: <b>\$2,581</b>		TDC: <b>\$34,281</b>		CUM Cost: <b>\$427,931</b>				
Contractor: <b>NABORS 99</b>			Mud Co: <b>MI DRLG FLUIDS</b>			TANGIBLE COST		INTANGIBLE COST		
MW:	8.5	#1 F-1000 3.5 gpm	Bit #:	1	Conductor:	\$	Loc. Cost:	\$	-	
VIS:	27	SPM: 104	Size:	12-1/4"	Surf. Csg:		Rig Move:	\$	-	
PV/YP:	1/1	#2 F-1000 3.5 gpm	Type:	66HG	Int. Csg:	\$ -	Day Rate:	\$	24,500	
Gel:	N/A	SPM: 104	MFG:	TRENDON	Prod Csg:	\$ -	Rental Tools:	\$	5,500	
WL:	N/A	GPM: 726	S/N:	3499	Float Equip:		Trucking:	\$	-	
Cake:	N/A	Press: 1200	Jets:	3X20,3X14	Well Head:	\$ -	Water:	\$	-	
Solids:	0.5	AV DC: 176	Depth out:		TBG/Rods:	\$ -	Fuel:	\$	-	
MBT:	N/A	AV DP: 122	Depth in:	150	Packers:	\$ -	Casing Crew:	\$	-	
PH:	7.6	JetVel: 170	FTG:	2615	Tanks:		Camp Cost:	\$	-	
Pf/Mf:	.00/1.10	ECD: 8.52	Hrs:	37.0	Separator:	\$ -	Cement:	\$	-	
Chlor:	15000	SPR #1:	FPH:	70.0	Heater:	\$ -	Bit: #	1	\$ -	
Ca:	700	SPR #2:	WOB:	22/30		\$ -	Mud Motors:	\$	-	
DAP/LCM	N/A	Btms. Up: 15	R-RPM:	50/68	Prime Mover:	\$ -	Consultant:	\$	3,000	
Time Break Down:			Total D.T.	M-RPM:	117	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 1,281	
START	END	TIME	0	Total Rot. Hrs:	37.0	Daily Total:	\$ -	Misc. / Labor:	\$ -	
6:00	7:00	1	DRLG FR 1751' - 1835' @ 84'/HR						shaker screens:	\$ -
7:00	8:00	1	TELEDRIFT @ 1830' 2deg WIRELINE @ 1741' 2deg						Contingency Drlg:	\$ -
8:00	10:00	2	DRLG FR 1835' - 2025' @ 95'/HR							\$ -
10:00	10:30	.5	RIG SERVICE - SERVICE TOP DRIVE						Daily Total:	\$ 34,281
10:30	17:30	7	DRLG FR 2025' - 2409' @ 55'/HR						<b>BHA</b>	
17:30	18:00	1	TELEDRIFT @ 2406' 5deg						Bit: #	12.25      1.00
18:00	4:00	10	DRLG FR 2409' - 2765' @ 35.6'/HR						MM .16	8      34.48
4:00	6:00	2	T.O.O.H. FOR BIT						SS	8      8.49
<b>RECEIVED</b>										
<b>NOV 20 2008</b>										
<b>DIV. OF OIL, GAS &amp; MINING</b>										
TELEDRIFT TOOL      8      8.02										
8" DC      8      29.77										
IBS      8      6.10										
8"DC      8      27.65										
IBS      8      5.90										
8"DC      8      29.72										
X/O      8      2.30										
15EA. 6" DC's      6.25      460.50										
Total Hours		24								
		Depth	Feet To Go	Depth	Feet To Go					
		Wasatch	5686' 2921'	Sunnyside	12466' 9701'					
		Mesaverde	9506' 6741'	Kenilworth	12706' 9941'					
		Lower Measverd	110969' 108204'	Aberdeen	12816' 10051'					
		Castlegate	12016' 9251'	Spring cany	12936' 10171'	TOTAL BHA =		613.93		
		Desert	12246' 9481'	Mancos	13066' 10301'	Survey	2,694	6		



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T 09S R 19E 5-18  
43-047-39776

RKB 25.6"

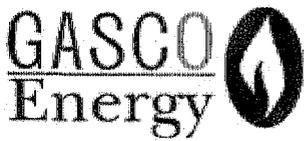
AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 13,315		Prog Depth: 13,315		Date: 11/21/2008		Days since spud: 3		
<b>Current: Operations: DRILLING AHEAD @ 3515'</b>										
Depth: 3515'		Prog: 750'		D Hrs: 18.5		ROP: 40.5		Formation: UINTA		
DMC: \$2,900		TMC: \$5,481		TDC: \$38,400		CUM Cost \$466,331				
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST		
MW:	8.5	#1 F-1000 3.5 gpm		Bit #:	1	2	Conductor:	\$ -	Loc. Cost:	\$ -
VIS:	27	SPM: 104		Size:	12-1/4"	12 1/4"	Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	1/1	#2 F-1000 3.5 gpm		Type:	66HG	HA20TC	Int. Csg:	\$ -	Day Rate:	\$ 24,500
Gel:	N/A	SPM: 104		MFG:	TRENDON	JZ	Prod Csg:	\$ -	Rental Tools:	\$ 5,500
WL:	N/A	GPM: 726		S/N:	3499	5945	Float Equip:	\$ -	Trucking:	\$ -
Cake:	N/A	Press: 1200		Jets:	3X20,3X14	3X20	Well Head:	\$ -	Water:	\$ -
Solids:	0.5	AV DC: 176		Depth out:	2765		TBG/Rods:	\$ -	Fuel:	\$ -
MBT:	N/A	AV DP: 122		Depth in:	150	2765	Packers:	\$ -	Casing Crew:	\$ -
PH:	7.6	JetVel: 170		FTG:	2615	750	Tanks:	\$ -	Camp Cost:	\$ -
Pf/Mf:	.00/1.10	ECD: 8.52		Hrs:	37.0	18.5	Separator:	\$ -	Cement:	\$ -
Chlor:	15000	SPR #1:		FPH:	70.0	40.5	Heater:	\$ -	Bit: #	1 \$ -
Ca:	700	SPR #2:		WOB:	22/30	40		\$ -	Mud Motors:	\$ -
DAP/LCM	N/A	Btms. Up: 15		R-RPM:	50/68	45/60	Prime Mover:	\$ -	Consultant:	\$ 1,500
Time Break Down:			Total D.T.	M-RPM:	117	117	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 2,900
START	END	TIME	0	Total Rot. Hrs:	55.5		Daily Total:	\$ -	Misc. / Labor:	\$ 4,000
6:00	7:30	1.5	T.O.O.H. L/D IBS'S						shaker screens:	\$ -
7:30	11:00	3.5	CHANGE BITS - P/U IBS'S - T.I.H. TO 2694'						Contingency Drlg:	\$ -
11:00	11:30	.5	WASH AND REAM TO 2765' & BREAK IN NEW BIT							\$ -
11:30	6:00	18.5	DRLG FR 2765' - 3515' @ 40.5'/HR						Daily Total:	\$ 38,400
<b>RECEIVED</b>										
<b>NOV 21 2008</b>										
<b>DIV. OF OIL, GAS &amp; MINING</b>										
<b>BHA</b>										
		Bit: #	12.25	1.00						
		MM .16	8	34.48						
		SS	8	8.49						
		TELEDRIFT TOOL	8	8.02						
		8" DC	8	29.77						
		IBS	8	6.10						
		8"DC	8	27.65						
		IBS	8	5.90						
		8"DC	8	29.72						
		X/O	8	2.30						
		15EA. 6" DC's	6.25	460.50						
Total Hours		24								
		Depth	Feet To Go	Depth	Feet To Go					
		Wasatch	5686' 2171'	Sunnyside	12466' 8951'					
		Mesaverde	9506' 5991'	Kenilworth	12706' 9191'					
		Lower Measverd	110969' 107454'	Aberdeen	12816' 9301'					
		Castlegate	12016' 8501'	Spring cany.	12936' 9421'					
		Desert	12246' 8731'	Mancos	13066' 9551'					
		Grassy	12366' 8851'	TD	15240' 11725'					
		TOTAL BHA =			613.93					
		Survey	3,362	.5						
		Survey	3,465	.5						
P/U	146	FLARE DRLG: VENT		GAS BUSTER		BKG GAS				
S/O	144	FLARE TRIP: BOILER		DEGASSER		CONN GAS				
ROT.	144	LAST CSG. RAN: SET @		KB		PEAK GAS				
FUEL Used:	1804	ON HAND 16,023		Co.Man J.D.ALLEN		TRIP GAS				
BIT #	1	ICS	OCS	DC	LOC	B/S	G	ODC	RP	
<b>CONDITION</b>										







# GASCO ENERGY

## DAILY DRILLING REPORT

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 13,315		Prog Depth: 13,650		Date: 12/3/2008		Days since spud: 15			
<b>Current: Operations: R.I.H. TO CSG SHOE &amp; SLIP &amp; CUT DRLG LINT</b>											
Depth: 11139'		Prog: 249'		D Hrs: 13.5		ROP: 18.4		Formation: LOWER MESAVERDE			
DMC: \$6,140		TMC: \$56,799		TDC: \$68,469		CUM Cost \$1,521,486					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	10	#1 F-1000 3.5 gpm	Bit #:	5	6	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	40	SPM: 0	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	20/12	#2 F-1000 3.5 gpm	Type:	DP506ZX		Int. Csg:	\$ -	Day Rate:	\$ 25,200		
Gel:	4/9	SPM: 110	MFG:	HUGHES	HUGHES	Prod Csg:	\$ -	Rental Tools:	\$ 5,500		
WL:	9	GPM: 385	S/N:	7118007		Float Equip:	\$ -	Trucking:	\$ 450		
Cake:	1	Press: 1550	Jets:	6x16		Well Head:	\$ -	Water:	\$ 7,183		
Solids:	10	AV DC: 287	Depth out:	11139		TBG/Rods:	\$ -	Fuel:	\$ -		
MBT:	12.5	AV DP: 193	Depth in:	9642		Packers:	\$ -	Casing Crew:	\$ -		
PH:	8	JetVel: 103	FTG:	1497		Tanks:	\$ -	Camp Cost:	\$ -		
Pf/Mf:	.00/2.65	ECD: 9.65	Hrs:	55.5		Separator:	\$ -	Cement:	\$ -		
Chlor:	13000	SPR #1: 40spm/280psi	FPH:	27.0		Heater:	\$ -	Bit: # 4	\$ 12,000		
Ca:	56	SPR #2: 50spm/400psi	WOB:	26/33			\$ -	Mud Motors:	\$ -		
DAP/LCM	4.4	Btms. Up: 58	R-RPM:	45/60		Prime Mover:	\$ -	Consultant:	\$ 3,000		
Time Break Down:			Total D.T. 6		M-RPM: 60		Misc: \$ -		Drilling Mud, and DP chem: \$ 14,641		
START	END	TIME	Total Rot. Hrs: 212.0		Daily Total: \$ -		Misc. / Labor: \$ 495				
6:00	9:30	3.5	DRLG FR 10890' - 10986' @ 27.4'/HR						shaker screens: \$ -		
9:30	10:00	0.5	RIG SERVICE - SERVICE TOP DRIVE						Welding: \$ -		
10:00	20:00	10	DRLG FR 10986' - 11139' @ 15.3'/HR						\$ -		
20:00	20:30	0.5	MIX & PUMP PILL - DROP SURVEY - BLOW DOWN T.D. - DRAIN GAS BUSTER						Daily Total: \$ 68,469		
20:30	4:00	7.5	T.O.O.H. - L/D BIT, MOTOR - P/U NEAR BIT SUB AND BIT						<b>BHA</b>		
4:00	4:30	0.5	PULL WEAR BUSHING - GOOD - INSTALL WEAR BUSHING						Bit	7 7/8	1.00
4:30	6:00	1.5	R.I.H. TO CSG SHOE TO SLIP & CUT DRLG LINE						STAB .16 M.M.	6 1/2	35.50
							TELEDRIPT	6 1/4	8.50		
							IBS	7 3/4	5.95		
							6" D.C.	6 1/4	31.30		
							IBS	7 3/4	6.03		
							17 - 6" D.C.'s	6.25	522.34		
<b>Total Hours</b>		<b>24</b>									
			Depth	Feet To Go	Depth	Feet To Go					
			Wasatch	5686' -5453'	Sunnyside	12466' 1327'					
			Mesaverde	9506' -1633'	Kenilworth	12706' 1567'					
			Lower Measverd	11096' -43'	Aberdeen	12816' 1677'					
			Castlegate	12016' 877'	Spring cany	12936' 1797'					
			Desert	12246' 1107'	Mancos	13066' 1927'					
			Grassy	12366' 1227'	TD	13650' 2511'					
							<b>TOTAL BHA =</b>	<b>610.62</b>			
P/U 278K		FLARE DRLG: 3' - 8'		VENT: NO		GAS BUSTER: YES		BKG GAS 5800 unit			
S/O 235K		FLARE TRIP: N/A		BOILER: 12hrs		DEGASSER: YES		CONN GAS 3500 unit + BKG GAS			
ROT. 259K		LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS 2650 units					
FUEL Used: 1713		ON HAND 7,820		Co.Man J.D.ALLEN				TRIP GAS N/A units			
BIT #	5	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>	1	4	WT	H/T	X	I	CT	PR			

RECEIVED  
DEC 03 2008

DIV. OF OIL, GAS & MINING



# GASCO ENERGY

## DAILY DRILLING REPORT

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 13,315		Prog Depth: 13,650		Date: 12/4/2008		Days since spud: 16				
<b>Current: Operations: RIG ON DOWN TIME ELECTRICAL PROBLEM</b>												
Depth: 11247'		Prog: 108'		D Hrs: 5.5		ROP: 19.6		Formation: LOWER MESAVERDE				
DMC: \$7,299		TMC:		\$78,700		TDC: \$98,564		CUM Cost: \$1,620,050				
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST				
MW:	10.4	#1 F-1000 3.5 gpm		Bit #:	5	6	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	44	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	19/16	#2 F-1000 3.5 gpm		Type:	DP506ZX	Q507HX	Int. Csg:	\$ -	Day Rate:	\$ 25,200		
Gel:	4/10	SPM: 110		MFG:	HUGHES	HUGHES	Prod Csg:	\$ -	Rental Tools:	\$ 5,500		
WL:	9.2	GPM: 385		S/N:	7118007	7123469	Float Equip:	\$ -	Trucking:	\$ 400		
Cake:	1	Press: 1425		Jets:	6x16	5X16 2X10	Well Head:	\$ -	Water:	\$		
Solids/L.G.:	11/4.7	AV DC: 287		Depth out:	11139		TBG/Rods:	\$ -	Fuel:	\$ 16,350		
MBT:	12.5	AV DP: 193		Depth in:	9642	11139	Packers:	\$ -	Casing Crew:	\$ -		
PH:	7.7	JetVel: 103		FTG:	1497	108	Tanks:	\$ -	Camp Cost:	\$ -		
Pf/Mf:	.00/3.60	ECD: 10.74		Hrs:	55.5	5.5	Separator:	\$ -	Cement:	\$ -		
Chlor:	13000	SPR #1: 40spm/280psi		FPH:	27.0	19.6	Heater:	\$ -	Bit: # 5	\$		
Ca:	40	SPR #2: 50spm/400psi		WOB:	26/33	20/23		\$ -	Mud Motors:	\$ 10,615		
DAP/LCM	4.5	Btms. Up: 59.3		R-RPM:	45/60	48/54	Prime Mover:	\$ -	Consultant:	\$ 3,000		
Time Break Down:			Total D.T.	M-RPM:	60	NA	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 7,299		
START	END	TIME	13.5	Total Rot. Hrs:	231.0		Daily Total:	\$ -	Misc. / Labor:	\$ 30,200		
6:00	07:00	1	CONTINUE RIH TO 3600'							shaker screens:	\$ -	
7:00	07:30	0.5	SERVICE RIG & BREAK CIRC.							Welding:	\$ -	
7:30	08:30	1	SLIP & CUT DRILLING LINE 90'								\$ -	
8:30	12:30	4	CONT. RIH SLOW TO 10,924' TIGHT HOLE							Daily Total:	\$ 98,564	
12:30	16:30	4	WASH & REAM F/10,924' TO 11,139' LAST 30' VERY HARD REAMING CAME STALLING							<b>BHA</b>		
			OUT TOP DRIVE. REAM UNDER GAUGE HOLE LAST 30'							Bit	7 7/8	1.00
16:30	17:00	0.5	BREAK IN BIT & DRILL F/11,139' TO 11,147'							NBS	6 1/2	6.17
17:00	17:30	0.5	RIG BLACK OUT DUE TO #2 GEN OVER HEATING							TELEDRIFT	6 1/4	8.50
17:30	22:30	5	DRILL F/11,147' TO 11,247' ROP = 20'							6" DC	6 1/4	31.30
22:30	06:00	7.5	DOWN TIME; RIG KEEPS BACKING OUT. ELECTRICAL PROBLEM INSIDE VFD HOUSE BETWEEN PUMP HOUSE PANEL BREAKER & MCC BUS. ETA FOR ELECTRICIAN 9 TO 10 A.M.							6" DC	6 1/4	31.10
			POOH ONE STAND WORK PIPE & RAISE MUD WT. TO 10.7 PPG 40 VIS. FLARE 10' TO 25' GO THRU GAS BUSTER GAS 4647 UNITS							IBS	7 3/4	5.95
									16	6 1/4	491.24	
<b>Total Hours</b>		24										
			Depth	Feet To Go	Depth	Feet To Go						
			Wasatch	5686' -5561'	Sunnyside	12466' 1219'						
			Mesaverde	9506' -1741'	Kenilworth	12706' 1459'						
			Lower Measverd	11096' -151'	Aberdeen	12816' 1569'						
			Castlegate	12016' 769'	Spring cany	12936' 1689'	<b>TOTAL BHA = 581.29</b>					
			Desert	12246' 999'	Mancos	13066' 1819'	Survey	11,077	2			
			Grassy	12366' 1119'	TD	13650' 2403'	Survey	11,120	3			
P/U	278K	FLARE DRLG: 10' - 26'		VENT: NO		GAS BUSTER: YES		BKG GAS 4500 unit				
S/O	235K	FLARE TRIP: N/A		BOILER: 12hrs		DEGASSER: YES		CONN GAS 3500 unit + BKG GAS				
ROT.	259K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB				PEAK GAS 5900 units				
FUEL	Used:	1528	ON HAND 13,492		Co.Man JIM WEIR		TRIP GAS 5900 units					
BIT #	5	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
CONDITION		1	4	WT	H/T	X	1/8	CT	PR			

RECEIVED  
DEC 04 2008

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T095 R18E S-18  
43-042-39796

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>15,240</b>		Prog Depth: <b>13,650</b>		Date: <b>12/8/2008</b>		Days since spud: <b>20</b>			
Current: Operations:					<b>DRILLING AHEAD</b>						
DEPTH: 12030'		Prog: 120'		D Hrs: 10.5		ROP: 11.4		Formation: <b>CASTLEGATE SANDSTONE</b>			
DMC: \$6,500		TMC: \$131,300		TDC: \$56,700		CUM Cost: \$1,861,700					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	11.3	#1 F-1000 3.5 gpm		Bit #:	8	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	42	SPM: 0		Size:	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	17/18	#2 F-1000 3.5 gpm		Type:	MS16666D	Int. Csg:	\$ -	Day Rate:	\$ 25,200		
Gel:	6/12	SPM: 110		MFG:	ULTERRA	Prod Csg:	\$ -	Rental Tools:	\$ 5,500		
WL:	11.2	GPM: 387		S/N:	5338	Float Equip:	\$ -	Trucking:	\$		
Cake:	2	Press: 1425		Jets:	6X16	Well Head:	\$ -	Water:	\$		
Solids/L.G.:	14/5.0	AV DC: 315		Depth out:	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$		
MBT:	12.5	AV DP: 197		Depth in:	11910	Packers:	\$ -	Casing Crew:	\$ -		
PH:	7.7	JetVel: 109		FTG:	120	Tanks:	\$ -	Camp Cost:	\$		
Pf/Mf:	.00/4.90	ECD: 10.9		Hrs:	10.5	Separator:	\$ -	Cement:	\$ -		
Chlor:	9500	SPR #1: 40spm/280psi		FPH:	11.5	Heater:	\$ -	Bit: # 7	\$ 18,000		
Ca:	40	SPR #2: 50spm/400psi		WOB:	18/26		\$ -	Mud Motors:	\$		
DAP/LCM	4.5/trace	Btms. Up: 63		R-RPM:	55/60	Prime Mover:	\$ -	Consultant:	\$ 1,500		
Time Break Down:			Total D.T.	M-RPM:	NA	Misc:	\$ -	Drilling Mud, and DP chem: \$ 6,500			
START	END	TIME	20	Total Rot. Hrs:	287.0	Daily Total:	\$ -	Misc. / Labor: \$			
6:00	11:00	5	CONTINUE POOH FOR BIT				Electric Logging: \$				
11:00	12:00	1	L/D BIT, NBS, TELEDRIFT TOOL, M/U NEW BIT				Welding: \$ -				
12:00	13:30	1.5	RIH TO 3400'				\$ -				
13:30	14:00	0.5	SERVICE RIG & TOP DRIVE, BREAK CIRC.				Daily Total: \$ 56,700				
14:00	19:00	7	RIH TO 11,820' (NO TIGHT SPOTS)				<b>BHA</b>				
19:00	19:30	0.5	WASH & REAM F/11,820' TO 11,910' NO FILL				Bit	7 7/8	1.00		
19:30	06:00	10.5	BREAK IN BIT & DRILL F/11,910' TO 12,030' ROP = 11.5				NBS	6 1/2	6.17		
						6" DC	6 1/4	31.30			
						IBS	7 3/4	6.03			
						6" DC	6 1/4	31.10			
						IBS	7 3/4	5.95			
						16	6 1/4	491.24			
<b>RECEIVED</b>											
<b>DEC 08 2008</b>											
<b>DIV. OF OIL, GAS &amp; MINING</b>											
Total Hours		24									
				Depth	Feet To Go	Depth	Feet To Go				
				Wasatch	5686' -6344'	Sunnyside	12466' 436'				
				Mesaverde	9506' -2524'	Kenilworth	12706' 676'				
				Lower Measverd	11096' -934'	Aberdeen	12816' 786'				
				Castlegate	12016' -14'	Spring cany.	12936' 906'	TOTAL BHA = 572.79			
				Desert	12246' 216'	Mancos	13066' 1036'	Survey	11,529 4		
				Grassy	12366' 336'	TD	13650' 1620'	Survey	11,703 6		
P/U	290K	FLARE DRLG: 4' - 8'		VENT: NO		GAS BUSTER: YES		BKG GAS 67500 unit			
S/O	240K	FLARE TRIP: N/A		BOILER: 12hrs		DEGASSER: YES		CONN GAS 7185 unit + BKG GAS			
ROT.	262K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS 7250 units					
FUEL	Used: 2070	ON HAND 6,663		Co.Man JIM WEIR		TRIP GAS 4350 units					
BIT #	7	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION		1	2	WT	N/T/S	X	I	CT	PR		



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R19E S18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>15,240</b>		Prog Depth: <b>13,650</b>		Date: <b>12/9/2008</b>		Days since spud: <b>21</b>			
<b>Current: Operations: RIH WITH NEW BIT</b>											
DEPTH: <b>12122'</b>		Prog: <b>92'</b>		D Hrs: <b>10.5</b>		ROP: <b>8.8</b>		Formation: <b>CASTLEGATE SANDSTONE</b>			
DMC: <b>\$7,800</b>		TMC: <b>\$139,100</b>		TDC: <b>\$55,600</b>		CUM Cost <b>\$1,917,300</b>					
Contractor: <b>NABORS 99</b>			Mud Co: <b>MI DRLG FLUIDS</b>			TANGIBLE COST		INTANGIBLE COST			
MW:	11.4	#1 F-1000 3.5 gpm		Bit #:	8	9	Conductor:	\$ -	Loc. Cost:	\$ -	
VIS:	44	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	17/19	#2 F-1000 3.5 gpm		Type:	MS16666D	FMHX753ZF	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	8/14	SPM: 110		MFG:	ULTERRA	SEC	Prod Csg:	\$ -	Rental Tools:	\$ 5,500	
WL:	11.2	GPM: 387		S/N:	5338	11263791	Float Equip:	\$ -	Trucking:	\$	
Cake:	2	Press: 1425		Jets:	6X16	6X16	Well Head:	\$ -	Water:	\$	
Solids/L.G.	14/5.0	AV DC: 315		Depth out:	12122	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$	
MBT:	12.5	AV DP: 197		Depth in:	11910	12122	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.5	JetVel: 109		FTG:	212		Tanks:	\$ -	Camp Cost:	\$ 600	
Pf/Mf:	.00/5.30	ECD: 10.9		Hrs:	21.0		Separator:	\$ -	Cement:	\$ -	
Chlor:	8500	SPR #1: 40spm/280psi		FPH:	10.0		Heater:	\$ -	Bit: # 8	\$ 15,000	
Ca./Diesel	40/.2%	SPR #2: 50spm/400psi		WOB:	28/36			\$ -	Mud Motors:	\$	
DAP/LCM	4.5/trace	Btms. Up: 63		R-RPM:	55/75		Prime Mover:	\$ -	Consultant:	\$ 1,500	
Time Break Down:			Total D.T.	M-RPM:	NA		Misc:	\$ -	Drilling Mud, and DP chem:	\$ 7,800	
START	END	TIME	20	Total Rot. Hrs:	297.5		Daily Total:	\$ -	Misc. / Labor:	\$	
6:00	12:00	6	DRILL F/12,030' TO 12,090' ROP = 10'					Electric Logging:	\$		
12:00	12:30	0.5	SERVICE RIG & TOP DRIVE					Welding:	\$ -		
12:30	17:00	4.5	DRILL F/12,090' TO 12,122 ROP = 7.						\$ -		
17:00	17:30	0.5	SLUG DRILL PIPE, DROP SURVEY TOOL & BLOW DOWN TOP DRIVE WITH AIR					Daily Total:	\$ 55,600		
17:30	00:00	6.5	POOH FOR BIT DUE TO PR					<b>BHA</b>			
0:00	00:30	0.5	L/D BIT CHECK FLOAT & L/D STRING STABILIZERS & FUNCTION TEST BOP				Bit	7 7/8	1.00		
0:30	06:00	5.5	M/U NEW BIT & RIH TO 9,560' BREAK CIRC. @ 3500' & 7500'				BS	6 1/2	3.30		
						18 EA. 6-1/2"	6 1/4	553.64			
<b>RECEIVED</b>											
<b>DEC 09 2008</b>											
<b>DIV. OF OIL, GAS &amp; MINING</b>											
Total Hours		24									
			Depth	Feet To Go		Depth	Feet To Go				
			Wasatch	5686' -6436'	Sunnyside	12466'	344'				
			Mesaverde	9506' -2616'	Kenilworth	12706'	584'				
			Lower Measverd	11096' -1026'	Aberdeen	12816'	694'				
			Castlegate	12016' -106'	Spring cany.	12936'	814'	<b>TOTAL BHA = 557.94</b>			
			Desert	12246' 124'	Mancos	13066'	944'	Survey	11,703	6	
			Grassy	12366' 244'	TD	13650'	1528'	Survey	12,122	6	
P/U	290K	FLARE DRLG: 4' - 8'		VENT: NO		GAS BUSTER: YES		BKG GAS		67500 unit	
S/O	240K	FLARE TRIP: N/A		BOILER: 12hrs		DEGASSER: YES		CONN GAS		7185 unit + BKG GAS	
ROT.	262K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS		7250 units			
FUEL	Used: 2931	ON HAND 3,732		Co.Man JIM WEIR		TRIP GAS		4350 units			
BIT #	7	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION		1	2	WT	N/T/S	X	I	CT	PR		



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R19E S-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>15,240</b>		Prog Depth: <b>13,650</b>		Date: <b>12/10/2008</b>		Days since spud: <b>22</b>			
<b>Current: Operations: POOH FOR BIT</b>											
DEPTH: 12303'		Prog: 181'		D Hrs: 20.0		ROP: 9.1		Formation: <b>DESERT</b>			
DMC: \$8,300		TMC: \$147,400		TDC: \$61,700		CUM Cost: \$1,979,000					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	11.5	#1 F-1000 3.5 gpm		Bit #:	8	9	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	44	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	18/18	#2 F-1000 3.5 gpm		Type:	MS16666D	FMHX753ZF	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	8/14	SPM: 110		MFG:	ULTERRA	SEC	Prod Csg:	\$ -	Rental Tools:	\$ 5,500	
WL:	12	GPM: 387		S/N:	5338	11263791	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	2	Press: 1425		Jets:	6X16	6X16	Well Head:	\$ -	Water:	\$ 4,900	
Solids/L.G.	15/5.6	AV DC: 315		Depth out:	12122	12303	TBG/Rods:	\$ -	Fuel:	\$ 16,300	
MBT:	12.5	AV DP: 197		Depth in:	11910	12122	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.6	JetVel: 109		FTG:	212	181	Tanks:	\$ -	Camp Cost:	\$ -	
Pf/Mf:	.00/5.10	ECD: 10.9		Hrs:	21.0	20.0	Separator:	\$ -	Cement:	\$ -	
Chlor:	8500	SPR #1: 40spm/280psi		FPH:	10.0	9.1	Heater:	\$ -	Bit: # 8	\$ -	
Ca./Diesel	40./2%	SPR #2: 50spm/400psi		WOB:	28/36	30/38		\$ -	Mud Motors:	\$ -	
DAP/LCM	4.5/trace	Btms. Up: 63		R-RPM:	55/75	50/75	Prime Mover:	\$ -	Consultant:	\$ 1,500	
Time Break Down:			Total D.T. 20		M-RPM:	NA	NA	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 8,300
START	END	TIME			Total Rot. Hrs:	317.5		Daily Total:	\$ -	Misc. / Labor:	\$ -
6:00	07:00	1	RIH TO 11,400				Electric Logging:		\$ -		
7:00	07:30	0.5	SERVICE RIG				Welding:		\$ -		
7:30	08:00	0.5	RIH TO 12,015						\$ -		
8:00	09:00	1	WASH & REAM F/12,015' TO 12,122' BREAK IN BIT (NO FILL)				Daily Total:		\$ 61,700		
9:00	05:00	20	DRILL F/12,122' TO 12,303' ROP=9' RESTART BIT NUMEROUS TIMES DUE TO SLIP				<b>BHA</b>				
			STICKING				Bit	7 7/8	1.00		
5:00	05:30	0.5	SLUG DRILL PIPE POOH 2 STDS BLOW DOWN TOP DRIVE				BS	6 1/2	3.30		
5:30	06:00	0.5	CONT. POOH FOR BIT				18 EA. 6-1/2"	6 1/4	553.64		
<b>RECEIVED</b>											
<b>DEC 10 2008</b>											
<b>DIV. OF OIL, GAS &amp; MINING</b>											
Total Hours		24									
				Depth	Feet To Go		Depth	Feet To Go			
				Wasatch	5686'	6617'	Sunnyside	12466'	163'		
				Mesaverde	9506'	2797'	Kenilworth	12706'	403'		
				Lower Measverd	11096'	1207'	Aberdeen	12816'	513'		
				Castlegate	12016'	287'	Spring cany.	12936'	633'	TOTAL BHA = 557.94	
				Desert	12246'	57'	Mancos	13066'	763'	Survey	11,703 6
				Grassy	12366'	63'	TD	13650'	1347'	Survey	12,122 6
P/U	300K	FLARE DRLG: 2' TO 3'		VENT: NO		GAS BUSTER: YES		BKG GAS		3060 unit	
S/O	251K	FLARE TRIP: N/A		BOILER: 24 HRS		DEGASSER: YES		CONN GAS		3100 unit + BKG GAS	
ROT.	270K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB				PEAK GAS		3800 units	
FUEL	Used: 1531	ON HAND 10,201		Co.Man JIM WEIR				TRIP GAS		3700 units	
BIT #	8	ICS	OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION		0	2	WT	N/T/S	X	I	NA	PR		



# GASCO ENERGY

## DAILY DRILLING REPORT

CONFIDENTIAL  
T09S R19E S-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well:	Permit Depth:	Prog Depth:	Date:	Days since spud:
FEDERAL 13-18-9-19	15,240	13,650	12/11/2008	23

**Current Operations: DRILLING AHEAD**

DEPTH: 12385'	Prog: 82'	D Hrs: 10.0	ROP: 8.2	Formation: <b>GRASSY</b>
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DMC: \$7,000	TMC: \$154,400	TDC: \$52,200	CUM Cost: \$2,023,700
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Contractor: NABORS 99	Mud Co: MI DRLG FLUIDS	TANGIBLE COST	INTANGIBLE COST
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MW: 11.6	#1 F-1000 3.5 gpm	Bit #: 9	10	Conductor: \$ -	Loc, Cost: \$ -
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VIS: 41	SPM: 110	Size: 7 7/8	7 7/8	Surf. Csg: \$ -	Rig Move: \$ -
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PV/YP: 13/14	#2 F-1000 3.5 gpm	Type: FMHX753ZR		Int. Csg: \$ -	Day Rate: \$ 25,200
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Gel: 5/14	SPM: 0	MFG: SEC	UL	Prod Csg: \$ -	Rental Tools: \$ 5,500
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WL: 12.4	GPM: 387	S/N: 11263791		Float Equip: \$ -	Trucking: \$
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Cake: 2	Press: 1485	Jets: 6X16	6X16	Well Head: \$ -	Water: \$ 500
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Solids/L.G. 16/5.9	AV DC: 407	Depth out: 12303	IN HOLE	TBG/Rods: \$ -	Fuel: \$
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MBT: 12.5	AV DP: 193	Depth in: 12122	12303	Packers: \$ -	Casing Crew: \$ -
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PH: 7.5	JetVel: 103	FTG: 181		Tanks: \$ -	Camp Cost: \$ 400
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Pf/Mf: .00/5.10	ECD: 11.89	Hrs: 20.0		Separator: \$ -	Cement: \$ -
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Chlor: 7000	SPR #1: 40spm/280psi	FPH: 9.1		Heater: \$ -	Bit: # 8
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Ca./Diesel 40/2%	SPR #2: 50spm/400psi	WOB: 30/38			Mud Motors: \$ 10,700
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DAP/LCM 4.75/trace	Btms. Up: 65	R-RPM: 55/75		Prime Mover: \$ -	Consultant: \$ 1,500
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Time Break Down:			Total D.T. 20	M-RPM: NA	NA	Misc: \$ -	Drilling Mud, and DP chem: \$ 7,000
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START	END	TIME	Total Rot. Hrs: 317.5	Daily Total: \$ -	Misc. / Labor: \$ 1,400
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6:00	11:30	5.5	POOH WITH BIT & PULL ROTATING RUBBER	Electric Logging: \$
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11:30	18:30	7	RIH SLOW W/NEW BIT BREAK CIRC. @ 3500' & 8,000' SLOW	Welding: \$ -
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18:30	20:00	1.5	WASH & REAM F/ 12175' TO BOTTOM @ 12,303' (NO FILL OR TIGHT HOLE ON TRIP)	\$ -
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20:00	06:00	10	BREAK IN BIT & DRILL F/12,303' TO 12,385'	Daily Total: \$ 52,200
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**BHA**

Bit	7 7/8	1.00
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BS	6 1/2	3.30
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18 EA. 6-1/2"	6 1/4	553.64
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RECEIVED

DEC 11 2008

DIV. OF OIL, GAS & MINING

Total Hours	24
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	Depth	Feet To Go	Depth	Feet To Go
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Wasatch	5686'	-6899'	Sunnyside	12466'	81'
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Mesaverde	9506'	-2879'	Kenilworth	12706'	321'
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Lower Measverd	11096'	-1289'	Aberdeen	12816'	431'
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Castlegate	12016'	-369'	Spring cany.	12936'	551'
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Desert	12246'	-139'	Mancos	13066'	681'
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Grassy	12366'	-19'	TD	13650'	1265'
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TOTAL BHA =			557.94		
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Survey	11,703	6
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Survey	12,122	6
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P/U 300K	FLARE DRLG: 2' TO 3'	VENT: NO	GAS BUSTER: YES	BKG GAS 2400 unit
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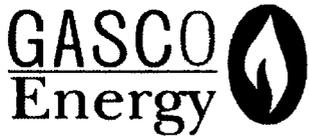
S/O 251K	FLARE TRIP: N/A	BOILER: 12 HRS	DEGASSER: YES	CONN GAS unit + BKG GAS
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ROT. 270K	LAST CSG. RAN: 9 5/8"	SET @ 3676' KB	PEAK GAS 8150 units
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FUEL Used: 1000	ON HAND 9,200	Co. Man JIM WEIR	TRIP GAS 8084 units
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BIT # 9	ICS	OCS	DC	LOC	B/S	G	ODC	RP
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CONDITION	0	1 - 2	WT	N - S	X	I	NA	PR
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# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R19E S-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: <b>FEDERAL 13-18-9-19</b>		Permit Depth: <b>15,240</b>		Prog Depth: <b>13,650</b>		Date: <b>12/12/2008</b>		Days since spud: <b>24</b>		
<b>Current: Operations: RIH W/NEW BIT &amp; MOTOR</b>										
DEPTH: 12571'		Prog: 186'		D Hrs: 16.0		ROP: 11.6		Formation: <b>35' LEFT OF SUNNYSIDE</b>		
DMC: \$5,500		TMC: \$159,900		TDC: \$49,700		CUM Cost: \$2,073,400				
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST				
MW:	11.6	#1 F-1000 3.5 gpm	Bit #:	9	10	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	44	SPM: 110	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	18/18	#2 F-1000 3.5 gpm	Type:	FMHX753ZF	MS1666D	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	5/15	SPM: 0	MFG:	SEC	UL	Prod Csg:	\$ -	Rental Tools:	\$ 5,500	
WL:	10.8	GPM: 387	S/N:	11263791	5898	Float Equip:	\$ -	Trucking:	\$	
Cake:	2	Press: 1485	Jets:	6X16	6X16	Well Head:	\$ -	Water:	\$	
Solids/L.G.	16/6.5	AV DC: 407	Depth out:	12303	12571	TBG/Rods:	\$ -	Fuel:	\$	
MBT:	12.5	AV DP: 193	Depth in:	12122	12303	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.5	JetVel: 103	FTG:	181	268	Tanks:	\$ -	Camp Cost:	\$	
Pf/Mf:	.00/5.30	ECD: 11.89	Hrs:	20.0	26.0	Separator:	\$ -	Cement:	\$ -	
Chlor:	6500	SPR #1: 40spm/280psi	FPH:	9.1	10.3	Heater:	\$ -	Bit: # 8	\$ 12,000	
Ca:/Diesel	40/2%	SPR #2: 50spm/400psi	WOB:	30/38	28/36		\$ -	Mud Motors:	\$	
DAP/LCM	4.50/trace	Btms. Up: 65	R-RPM:	55/75	60/70	Prime Mover:	\$ -	Consultant:	\$ 1,500	
Time Break Down:		Total D.T. 20		M-RPM:	NA	NA	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 5,500
START	END	TIME	Total Rot. Hrs:		343.0	Daily Total:	\$ -	Misc. / Labor:	\$	
6:00	10:30	4.5	DRILL F/12385' TO 12460' ROP = 16.7			Electric Logging:	\$			
10:30	11:00	0.5	SERVICE RIG & TOP DRIVE			Welding:	\$ -			
11:00	22:30	11.5	DRILL F/12460' TO 12571' ROP = 9.6'				\$ -			
22:30	23:00	0.5	SLUG DRILL PIPE & DROP SURVEY TOOL			Daily Total:	\$ 49,700			
23:00	06:00	7	POOH FOR BIT, PULL ROTATING RUBBER & L/D BIT & BIT SUB PULL FLOAT.			<b>BHA</b>				
						Bit	7 7/8	1.00		
						MOTOR	6 1/4	33.50		
						18 EA. 6-1/2"	6 1/4	553.64		
<b>RECEIVED</b>										
<b>DEC 12 2008</b>										
DIV. OF OIL, GAS & MINING										
Total Hours		24								
			Depth	Feet To Go	Depth	Feet To Go				
			Wasatch	5886' -6885'	Sunnyside	12466' -105'				
			Mesaverde	9506' -3065'	Kenilworth	12706' 135'				
			Lower Measverd	11096' -1475'	Aberdeen	12816' 245'				
			Castlegate	12016' -555'	Spring cany.	12936' 365'				
			Desert	12246' -325'	Mancos	13066' 495'				
			Grassy	12386' -205'	TD	13650' 1079'				
						TOTAL BHA = 588.14				
						Survey	11,703	6		
						Survey	12,122	6		
P/U	310K	FLARE DRLG: 3' TO 4'		VENT: NO		GAS BUSTER: YES		BKG GAS 3200 unit		
S/O	255K	FLARE TRIP: N/A		BOILER: 24 HRS		DEGASSER: YES		CONN GAS 3350 unit + BKG GAS		
ROT.	275K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS 8081 units				
FUEL	Used: 2557	ON HAND 6,807		Co.Man JIM WEIR		TRIP GAS 8081 units				
BIT #	10	ICS	OCS	DC	LOC	B/S	G	ODC	RP	
CONDITION		0	3	WT	S	X	I	N/A	PR	



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T095 R19E 5-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/15/2008		Days since spud: 27				
<b>Current: Operations: ATTEMPT TO RE-GAIN CIRC. @ 5000'</b>												
DEPTH: 13660'		Prog: 13660'		D Hrs: 176,100		ROP		#DIV/0! Formation: MANCOS/MN21				
DMC: \$6,000		TMC: \$176,100		TDC: \$55,600		CUM Cost \$2,224,000						
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST				
MW:	11.7	#1 F-1000 3.5 gpm		Bit #:	10	11	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	44	SPM: 100		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	19/18	#2 F-1000 3.5 gpm		Type:	MS1666D	Q505	Int. Csg:	\$ -	Day Rate:	\$ 25,200		
Gel:	6/16	SPM: 0		MFG:	UL	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 3,500		
WL:	11.2	GPM:	352	S/N:	5898	7014595	Float Equip:	\$ -	Trucking:	\$		
Cake:	2	Press:	2250	Jets:	6X16	5X16	Well Head:	\$ -	Water:	\$ 400		
Solids/L.G.	17/7.2	AV DC:	362	Depth out:	12571	13660	TBG/Rods:	\$ -	Fuel:	\$		
MBT:	12.5	AV DP:	197	Depth in:	12303	12570	Packers:	\$ -	Casing Crew:	\$ -		
PH:	7.5	JetVel:	127	FTG:	268	1090	Tanks:	\$ -	Camp Cost:	\$		
Pf/Mf:	.00/5.20	ECD:	11.87	Hrs:	26.0	28.5	Separator:	\$ -	Cement:	\$ -		
Chlor:	6500	SPR #1:	40spm/425psi	FPH:	10.3	38.3	Heater:	\$ -	Bit:	\$		
Ca:/Diesel	40/.2%	SPR #2:	50spm/5250psi	WOB:	28/35	20/27		\$ -	Mud Motors:	\$		
DAP/LCM	4.50/trace	Btms. Up:	77.4	R-RPM:	60/70	30/50	Prime Mover:	\$ -	Consultant:	\$ 1,400		
Time Break Down:			Total D.T.	M-RPM:	NA	72	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 6,000		
START	END	TIME	20	Total Rot. Hrs:	371.5		Daily Total:	\$ -	Misc. / Labor:	\$		
6:00	11:30	5.5	CONTINUE POOH TO LOG WELL							Electric Logging:	\$ 19,100	
11:30	12:30	1	R/U BAKER ALTAS & HOLD SAFETY MEETING							Welding:	\$ -	
12:30	18:30	6	RIH W/ TRIPLE COMBO HDIL - SP DEEP ARRAY DENSITY W/NE NEUTRON ON BOTTOM								\$ -	
			15:00 HOURS. GRAMMA GR. NOT WORKING HOT SHOT NEW TOOL TO OCATION							Daily Total:	\$ 55,600	
18:30	21:30	3	RIH W/SECOND RUN GAMMA RAY WIRE LINE DEPTH 13667'							<b>BHA</b>		
21:30	22:30	1	R/D BAKER ALTAS WIRE LINE							Bit	7 7/8	1.00
22:30	03:30	5	RIH BREAK CIRC. AT SHOE OK ATTEMPT TO BREAK CIRC. @ 7500' NO RETURNS							BS	6 1/4	
3:30	5:00	1.5	ATTEMPT TO RE-GAIN CCIRC. AT 7500' 30 SPM =285 PSI UNABLE TO GET RETURNS							18 EA. 6-1/2"	6 1/4	553.64
5:00	06:00	1	POOH TO 6100' STILL UNABLE TO GET RETURNS									
<b>RECEIVED</b>												
<b>DEC 15 2008</b>												
DIV OF OIL, GAS & MINING												
Total Hours		24		Depth		Feet To Go		Depth		Feet To Go		
				Wasatch	5686'	-7974'	Sunnyside	12486'	-1194'			
				Mesaverde	9506'	-4154'	Kenilworth	12706'	-954'			
				Lower Measverd	11096'	-2564'	Aberdeen	12816'	-844'			
				Castlegate	12016'	-1644'	Spring cany.	12936'	-724'	TOTAL BHA = 554.64		
				Desert	12246'	-1414'	Mancos	13066'	-594'	Survey	12,122 6	
				Grassy	12366'	-1294'	TD	13650'	-10'	Survey	12,571 5	
P/U	330K	FLARE DRLG: 3' TO 4'		VENT: NO		GAS BUSTER: YES		BKG GAS		1358 unit		
S/O	260K	FLARE TRIP: N/A		BOILER: 24 HRS		DEGASSER: YES		CONN GAS		1400 unit + BKG GAS		
ROT.	284K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS		5550 units				
FUEL	Used: 1600	ON HAND 1,148		Co.Man JIM WEIR				TRIP GAS units				
BIT #	11 IN HOLE	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
CONDITION		1	2	WT	N/T	X	I	NA	TD			



# GASCO ENERGY DAILY DRILLING REPORT

CONFIDENTIAL  
T09S R19E S-18  
43-049-39996

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/16/2008		Days since spud: 28		
<b>Current: Operations: CIRC. BOTTOMS UP TO POOH LAYING DOWN DRILL STRING</b>										
DEPTH: 13660'		Prog:		D Hrs:		ROP		#DIV/0!		
DMC: \$8,000		TMC: \$184,100		TDC: \$51,900		Formation: MANCOS/MN21				
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST		
MW:	11.7	#1 F-1000 3.5 gpm	Bit #:	10	11	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	44	SPM: 100	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	19/18	#2 F-1000 3.5 gpm	Type:	MS1666D	Q505	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	6/16	SPM: 0	MFG:	UL	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 3,500	
WL:	11.2	GPM: 352	S/N:	5898	7014595	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	2	Press: 2250	Jets:	6X16	5X16	Well Head:	\$ -	Water:	\$ 400	
Solids/L.G.:	17/7.2	AV DC: 362	Depth out:	12571	13660	TBG/Rods:	\$ -	Fuel:	\$ 13,400	
MBT:	12.5	AV DP: 197	Depth in:	12303	12570	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.5	JetVel: 127	FTG:	268	1090	Tanks:	\$ -	Camp Cost:	\$ -	
Pf/Mf:	.00/5.20	ECD: 11.87	Hrs:	26.0	28.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	6500	SPR #1: 40spm/425psi	FPH:	10.3	38.3	Heater:	\$ -	Bit:	\$ -	
Ca./Diesel:	40/2%	SPR #2: 50spm/5250psi	WOB:	28/35	20/27		\$ -	Mud Motors:	\$ -	
DAP/LCM:	4.50/trace	Btms. Up: 77.4	R-RPM:	60/70	30/50	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:			Total D.T.:	M-RPM:	NA	72	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 8,000
START	END	TIME	20	Total Rot. Hrs:	371.5	Daily Total:	\$ -	Misc. / Labor:	\$ -	
6:00	06:30	0.5	ATTEMPT TO EST. CIRC. @ 6100' W/20 SPM NO SUCCESS						Electric Logging:	\$ -
6:30	07:30	1	POOH TO 5100'						Welding:	\$ -
7:30	10:00	2.5	CIRC. @ 25 SPM & ADD 10% LCM RE-GAIN CIRC. AND UP STOKES IN INCREMENTS OF 10 SPM TO 90 SPM WITH FULL RETURNS.						Daily Total:	\$ 51,900
10:00	13:00	3	RIH IN INCREMENTS OF 5 STDS EST. FULL RETURNS F/5100' TO 6100'						<b>BHA</b>	
13:00	17:30	4.5	RIH IN INCREMENTS OF 12 STDS EST. FULL RETURNS F/6100' TO 9500' & BUILD VOL						Bit	7 7/8 1.00
17:30	18:30	1	<b>DOWN TIME UNABLE TO GET PUMPS TO PUMP ANY FLUID. GO THRU BOTH PUMPS</b>						BS	6 1/4
18:30	04:30	10	CONTINUE RIH IN INCREMENTS OF 10 STANDS ESTABLISH FULL RETURNS F/9500' TO 13660'						18 EA. 6-1/2"	6 1/4 553.64
4:30	06:00	1.5	CIRC. BOTTOMS UP & MIX SLUG							
<b>RECEIVED</b>										
<b>DEC 16 2008</b>										
<b>DIV OF OIL, GAS &amp; MINING</b>										
<b>Total Hours</b>		24								
		Depth	Feet To Go	Depth	Feet To Go					
		Wasatch	5686' -7974'	Sunnyside	12466' -1194'					
		Mesaverde	9506' -4154'	Kenilworth	12706' -954'					
		Lower Measverd	11096' -2564'	Aberdeen	12816' -844'					
		Castlegate	12016' -1644'	Spring cany.	12936' -724'	<b>TOTAL BHA = 554.64</b>				
		Desert	12246' -1414'	Mancos	13066' -594'	Survey	12,122	6		
		Grassy	12366' -1294'	TD	13650' -10'	Survey	12,571	5		
P/U	330K	FLARE DRLG: 8' TO 40'		VENT:	NO	GAS BUSTER:	YES	BKG GAS	1358 unit	
S/O	260K	FLARE TRIP: N/A		BOILER:	24 HRS	DEGASSER:	YES	CONN GAS	1400 unit + BKG GAS	
ROT.	284K	LAST CSG. RAN: 9 5/8"		SET @	3676' KB	PEAK GAS		9100 units		
FUEL	Used: 1296	ON HAND 7,757		Co.Man JIM WEIR		TRIP GAS		9100 units		
BIT #	11 IN HOLE	ICS	OCS	DC	LOC	B/S	G	ODC	RP	
CONDITION		1	2	WT	N/T	X	I	NA	TD	



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
 T099 R19E S-18  
 43-049-39776

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/17/2008		Days since spud: 29			
<b>Current: Operations: RIH WITH 4-1/2" PRODUCTION CASING</b>											
DEPTH: 13660'		Prog:		D Hrs:		ROP		#DIV/O! Formation: <b>MANCOS/MN21</b>			
DMC: \$0		TMC: \$190,100		TDC		\$37,400		CUM Cost \$2,313,300			
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST					
MW:	11.7	#1 F-1000 3.5 gpm		Bit #:	10	11	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	44	SPM: 100		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	19/18	#2 F-1000 3.5 gpm		Type:	MS1666D	Q505	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	6/16	SPM: 0		MFG:	UL	HTC	Prod Csg:	\$ -	Rental Tools:	\$ 3,500	
WL:	11.2	GPM:	352	S/N:	5898	7014595	Float Equip:	\$ 5,500	Trucking:	\$	
Cake:	2	Press:	2250	Jets:	6X16	5X16	Well Head:	\$ -	Water:	\$ 400	
Solids/L.G.	17/7.2	AV DC:	362	Depth out:	12571	13660	TBG/Rods:	\$ -	Fuel:	\$	
MBT:	12.5	AV DP:	197	Depth in:	12303	12570	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.5	JetVel:	127	FTG:	268	1090	Tanks:	\$ -	Camp Cost:	\$	
Pf/Mf:	.00/5.20	ECD:	11.87	Hrs:	26.0	28.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	6500	SPR #1:	40spm/425psi	FPH:	10.3	38.3	Heater:	\$ -	Bit:	\$	
Ca:/Diesel	40/.2%	SPR #2:	50spm/5250psi	WOB:	28/35	20/27		\$ -	Mud Motors:	\$	
DAP/LCM	4.50/trace	Btms. Up:	77.4	R-RPM:	60/70	30/50	Prime Mover:	\$ -	Consultant:	\$ 2,800	
Time Break Down:			Total D.T.	M-RPM:	NA	72	Misc:	\$ -	Drilling Mud, and DP chem: \$		
START	END	TIME	20	Total Rot. Hrs:	371.5		Daily Total:	\$ 5,500	Misc. / Labor: \$		
6:00	08:00	2	CIRC. BOTTOMS UP PLUS (NO LOSSES)					Electric Logging:		\$	
8:00	00:00	16	SLUG DRILL PIPE & L/D DRILL STRING					Welding:		\$ -	
0:00	00:30	0.5	PULL WEAR BUSHING							\$ -	
0:30	01:30	1	CLEAN OFF RIG FLOOR & PUT MARKER JOINTS ON RIG FLOOR & R/U CASING CO.					Daily Total:		\$ 31,900	
			HOLD PRE JOB SAFETY MEETING					<b>BHA</b>			
1:30	06:00	4.5	MU SHOE JOINT & FLOAT COLLAR & RIH TO 4000' W/4-1/2" P-110, 15.1 #, LT&C								
<b>REIVED</b>											
<b>17 2008</b>											
<b>L. GAS &amp; MINING</b>											
Total Hours		24									
			Depth	Feet To Go		Depth	Feet To Go				
			Wasatch	5686' -7974'	Sunnyside	12466'	-1194'				
			Mesaverde	9506' -4154'	Kenilworth	12706'	-954'				
			Lower Measverd	11096' -2564'	Aberdeen	12816'	-844'				
			Castlegate	12016' -1644'	Spring cany.	12936'	-724'	TOTAL BHA = 0.00			
			Desert	12246' -1414'	Mancos	13066'	-594'	Survey	12,571	5	
			Grassy	12366' -1294'	TD	13650'	-10'	Survey	13,650	2	
P/U	330K	FLARE DRLG:		VENT: NO		GAS BUSTER: NO		BKG GAS		unit	
S/O	260K	FLARE TRIP: N/A		BOILER: 24 HRS		DEGASSER: NO		CONN GAS		unit + BKG GAS	
ROT.	284K	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB				PEAK GAS		units	
FUEL	Used: 2171	ON HAND 5,586		Co.Man JIM WEIR				TRIP GAS		units	
BIT #		ICS	OCS	DC	LOC	B/S	G	ODC	RP		
<b>CONDITION</b>											



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
 TOYS RISE S-18  
 43-047-3996

RKB 25.6"

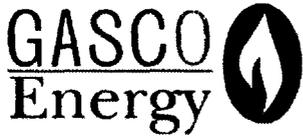
AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/18/2008		Days since spud: 30			
<b>CLEAN MUD TANKS - SNUB B.O.P. OUT FROM UNDER SUB</b>											
Current: Operations:											
DEPTH: 13660'		Prog:		D Hrs:		ROP		#DIV/0!			
DMC: \$0		TMC: \$190,100		TDC		\$569,678		CUM Cost \$2,882,978			
Formation: MANCOS/MN21											
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST					
MW:	#1 F-1000 3.5 gpm	Bit #:		Conductor:	\$ -	Loc, Cost:	\$ -				
VIS:	SPM:	Size:		Surf. Csg:	\$ -	Rig Move:	\$ -				
PV/YP:	#2 F-1000 3.5 gpm	Type:		Int. Csg:	\$ -	Day Rate:	\$ 25,200				
Gel:	SPM:	MFG:		Prod Csg:	\$ 417,100	Rental Tools:	\$ 3,500				
WL:	GPM:	S/N:		Float Equip:	\$ -	Trucking:	\$ -				
Cake:	Press:	Jets:		Well Head:	\$ 5,495	Water:	\$ 3,085				
Solids/L.G.:	AV DC:	Depth out:		TBG/Rods:	\$ -	Fuel:	\$ -				
MBT:	AV DP:	Depth in:		Packers:	\$ -	Casing Crew:	\$ 14,250				
PH:	JetVel:	FTG:		Tanks:	\$ -	Camp Cost:	\$ -				
Pf/Mf:	ECD:	Hrs:		Separator:	\$ -	Cement:	\$ 97,673				
Chlor:	SPR #1:	FPH:		Heater:	\$ -	Bit:	\$ -				
Ca./Diesel:	SPR #2:	WOB:			\$ -	Mud Motors:	\$ -				
DAP/LCM:	Btms. Up:	R-RPM:		Prime Mover:	\$ -	Consultant:	\$ 2,800				
Time Break Down:		Total D.T. 20		M-RPM:		Misc: \$ -		Drilling Mud, and DP chem: \$ -			
START	END	TIME	20	Total Rot. Hrs:	371.5	Daily Total:	\$ 422,595	Misc. / Labor:	\$ 575		
6:00	9:30	3.5	RUN CASING TO 8000'						Electric Logging:	\$ -	
9:30	11:00	1.5	INSTALL ROT. HEAD - CIRCULATE BTMS UP - FULL RETURNS - PEAK GAS 6120 UNITS 30' FLARE						Welding:	\$ -	
11:00	13:30	2.5	RUN CASING TO 11000'							\$ -	
13:30	14:30	1	CIRC. BTMS UP - FULL RETURNS - PEAK GAS 4750 UNITS 25' FLARE - 43bbl GAIN						Daily Total:	\$ 147,083	
14:30	17:00	2.5	RUN CASING TO 13660'						BHA		
17:00	19:00	2	PULL ROT. HEAD - L/D JT CSG & P/U LANDING JT & REINSTALL ROT. HEAD - MAKE UP HANGER								
			LAND CASING @ 13641'RKB - RAN 308lbs 4 1/2 15.1 P-110 LT&C								
19:00	21:30	2.5	RIG UP & TRY TO CIRC. THROUGH 2" VAVLES OFF WELLHEAD UNABLE TO CIRC. - FOUND								
			FROZE SOLIDS IN LINES CLEAN OUT & CIRC. - RIG DOWN CASING CREW - PEAK GAS 4500UNIT								
21:30	23:00	1.5	SAFETY MEETING & RIG UP SCHLUMBERGER - PUMP TRUCK FROZE UP - KEEP CIRC. WITH								
			RIG PUMPS WHILE SCHLUMBERGER THAWED TRUCK OUT								
23:00	1:30	2.5	PUMP CEMENT: LEAD 732sks G+ yield 2.26 @ 12.0ppg TAIL 1270sks 50/50 Poz G+adds yield 1.53								
			14.1ppg : DISP WITH 193bbls H2O - BUMP PLUG 500psi OVER - CHECK FLOAT - HELD								
			RIG DOWN CEMENTERS - BACK OUT LANDING JT & L/D								
1:30	6:00	4.5	CLEAN MUD TANKS - NIPPLE DOWN B.O.P. - RIG DOWN CHOKE LINES								
			RIG RELEASED @ 06:00HRS 12/18/08 FROM FULL DAY RATE & PUT ON RIG MOVE RATE								
Total Hours		24									
			Depth	Feet To Go	Depth	Feet To Go					
			Wasatch	5686' -7974'	Sunnyside	12466' -1194'					
			Mesaverde	9506' -4154'	Kenilworth	12706' -954'					
			Lower Measverd	11096' -2584'	Aberdeen	12816' -844'					
			Castlegate	12016' -1644'	Spring cany.	12936' -724'	TOTAL BHA = 0.00				
			Desert	12246' -1414'	Mancos	13066' -594'	Survey				
			Grassy	12366' -1294'	TD	13650' -10'	Survey				
P/U	FLARE DRLG:		VENT: NO		GAS BUSTER: YES		BKG GAS 2300 unit				
S/O	FLARE TRIP: 25' - 30'		BOILER: 24 HRS		DEGASSER: NO		CONN GAS unit + BKG GAS				
ROT.	LAST CSG. RAN: 9 5/8"		SET @ 3676' KB		PEAK GAS 6120 units						
FUEL Used:	1066	ON HAND	4,520	Co.Man J.D. ALLEN		TRIP GAS 6100 units					
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP			
CONDITION											

**RECEIVED**  
**DEC 18 2008**

DIV. OIL, GAS & MINING



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R19E S-18  
43-047-39776

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/18/2008		Days since spud: 30	
<b>CLEAN MUD TANKS - SNUB B.O.P. OUT FROM UNDER SUB</b>									
Current: Operations:									
DEPTH:	13660'	Prog:		D Hrs:		ROP	#DIV/0!	Formation:	MANCOS/MN21
DMC:	\$0	TMC:	\$190,100	TDC	\$569,678	CUM Cost		\$2,882,978	
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST			INTANGIBLE COST		
MW:	#1 F-1000 3.5 gpm	Bit #:		Conductor:	\$ -	Loc, Cost:		\$ -	
VIS:	SPM:	Size:		Surf. Csg:	\$ -	Rig Move:		\$ -	
PV/YP:	#2 F-1000 3.5 gpm	Type:		Int. Csg:	\$ -	Day Rate:		\$ 25,200	
Gel:	SPM:	MFG:		Prod Csg:	\$ 417,100	Rental Tools:		\$ 3,500	
WL:	GPM:	S/N:		Float Equip:	\$ -	Trucking:		\$ -	
Cake:	Press:	Jets:		Well Head:	\$ 5,495	Water:		\$ 3,085	
Solids/L.G.	AV DC:	Depth out:		TBG/Rods:	\$ -	Fuel:		\$ -	
MBT:	AV DP:	Depth in:		Packers:	\$ -	Casing Crew:		\$ 14,250	
PH:	JetVel:	FTG:		Tanks:	\$ -	Camp Cost:		\$ -	
PF/Mf:	ECD:	Hrs:		Separator:	\$ -	Cement:		\$ 97,673	
Chlor:	SPR #1:	FPH:		Heater:	\$ -	Bit:		\$ -	
Ca./Diesel	SPR #2:	WOB:			\$ -	Mud Motors:		\$ -	
DAP/LCM	Btms. Up:	R-RPM:		Prime Mover:	\$ -	Consultant:		\$ 2,800	
Time Break Down:		Total D.T.	M-RPM:	Misc:	\$ -	Drilling Mud, and DP chem:		\$ -	
START	END	TIME	20	Total Rot. Hrs:	371.5	Daily Total:	\$ 422,595	Misc. / Labor:	\$ 575
6:00	9:30	3.5	RUN CASING TO 8000'			Electric Logging:		\$ -	
9:30	11:00	1.5	INSTALL ROT. HEAD - CIRCULATE BTMS UP - FULL RETURNS - PEAK GAS 6120 UNITS 30' FLARE			Welding:		\$ -	
11:00	13:30	2.5	RUN CASING TO 11000'					\$ -	
13:30	14:30	1	CIRC. BTMS UP - FULL RETURNS - PEAK GAS 4750 UNITS 25' FLARE - 43bbl GAIN			Daily Total:		\$ 147,083	
14:30	17:00	2.5	RUN CASING TO 13660'			<b>BHA</b>			
17:00	19:00	2	PULL ROT. HEAD - L/D JT CSG & P/U LANDING JT & REINSTALL ROT. HEAD - MAKE UP HANGER						
			LAND CASING @ 13641'RKB - RAN 308lbs 4 1/2 15.1 P-110 LT&C						
19:00	21:30	2.5	RIG UP & TRY TO CIRC. THROUGH 2" VAVLES OFF WELLHEAD UNABLE TO CIRC. - FOUND						
			FROZE SOLIDS IN LINES CLEAN OUT & CIRC. - RIG DOWN CASING CREW - PEAK GAS 4500UNIT						
21:30	23:00	1.5	SAFETY MEETING & RIG UP SCHLUMBERGER - PUMP TRUCK FROZE UP - KEEP CIRC. WITH						
			RIG PUMPS WHILE SCHLUMBERGER THAWED TRUCK OUT						
23:00	1:30	2.5	PUMP CEMENT: LEAD 732sks G+ yield 2.26 @ 12.0ppg TAIL 1270sks 50/50 Poz G+adds yield 1.53			<b>RECEIVED</b> <b>DEC 19 2008</b>			
			14.1ppg : DISP WITH 193bbls H2O - BUMP PLUG 500psi OVER - CHECK FLOAT - HELD						
			RIG DOWN CEMENTERS - BACK OUT LANDING JT & L/D						
1:30	6:00	4.5	CLEAN MUD TANKS - NIPPLE DOWN B.O.P. - RIG DOWN CHOKE LINES						
			RIG RELEASED @ 06:00HRS 12/18/08 FROM FULL DAY RATE & PUT ON RIG MOVE RATE						
Total Hours		24							
			Depth	Feet To Go	Depth	Feet To Go			
			Wasatch	5686' -7974'	Sunnyside	12466' -1194'			
			Mesaverde	9506' -4154'	Kenilworth	12706' -954'			
			Lower Measverd	11096' -2564'	Aberdeen	12816' -844'			
			Castlegate	12016' -1644'	Spring cany.	12936' -724'	TOTAL BHA =		0.00
			Desert	12246' -1414'	Mancos	13066' -594'	Survey		
			Grassy	12366' -1294'	TD	13650' -10'	Survey		
P/U	FLARE DRLG:		VENT: NO		GAS BUSTER: YES		BKG GAS		2300 unit
S/O	FLARE TRIP: 25' - 30'		BOILER: 24 HRS		DEGASSER: NO		CONN GAS		unit + BKG GAS
ROT.	LAST CSG. RAN: 9 5/8"		SET @ 3678' KB		PEAK GAS		6120 units		
FUEL	Used: 1066	ON HAND 4,520		Co.Man J.D. ALLEN		TRIP GAS		6100 units	
BIT #	ICS	OCS	DC	LOC	B/S	G	ODC	RP	
<b>CONDITION</b>									



# GASCO ENERGY

## DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09SR19E 518  
43-049-39 776

RKB 25.6"

AFE # 70407

GPS=

Well: FEDERAL 13-18-9-19		Permit Depth: 15,240		Prog Depth: 13,650		Date: 12/18/2008		Days since spud: 32	
<b>Current: Operations: ( FINAL REPORT ) WAIT ON DAYLIGHT TO TEAR DOWN SUBS WITH CRANE</b>									
DEPTH: 13660'		Prog:		D Hrs:		ROP		#DIV/O!	
DMC: \$0		TMC: \$190,100		TDC		\$28,400		Formation: MANCOS/MN21	
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST			
MW: #1 F-1000 3.5 gpm		Bit #:		Conductor: \$ -		Loc, Cost: \$ -			
VIS: SPM:		Size:		Surf. Csg: \$ -		Rig Move: \$ -			
PV/YP: #2 F-1000 3.5 gpm		Type:		Int. Csg: \$ -		Day Rate: MOVING \$ 23,500			
Gel: SPM:		MFG:		Prod Csg: \$ -		Rental Tools: \$ 3,500			
WL: GPM :		S/N:		Float Equip: \$ -		Trucking: \$ -			
Cake: Press:		Jets:		Well Head: \$ -		Water: \$ -			
Solids/L.G. AV DC:		Depth out:		TBG/Rods: \$ -		Fuel: \$ -			
MBT: AV DP:		Depth in:		Packers: \$ -		Casing Crew: \$ -			
PH: JetVel:		FTG:		Tanks: \$ -		Camp Cost: \$ -			
Pf/Mf: ECD:		Hrs:		Separator: \$ -		Cement: \$ -			
Chlor: SPR #1 :		FPH:		Heater: \$ -		Bit: \$ -			
Ca:/Diesel SPR #2 :		WOB:		\$ -		Mud Motors : \$ -			
DAP/LCM Btms. Up:		R-RPM:		Prime Mover: \$ -		Consultant: \$ 1,400			
Time Break Down:		Total D.T. 20		M-RPM:		Misc: \$ -		Drilling Mud, and DP chem: \$ -	
START END TIME		Total Rot. Hrs: 371.5		Daily Total: \$ -		Misc. / Labor: \$ -			
6:00 19:00 13		SQUAT SUB & LOWER DERRICK - UNSTRING BLOCKS - UNPLUG REMAINING ELEC. & POWER		Electric Logging: \$ -		Welding: \$ -			
		DOWN GENERATORS - MOVE OUT GENERATORS & PUMPS - RIG UP CRANE & LAY OVER GAS							
		BUSTER - REMOVE SHAKERS & SOLIDS CONTROL EQUIPMENT FROM MUD TANKS - LOAD MUD TANKS				Daily Total: \$ 28,400			
						<b>BHA</b>			
19:00 6:00 11		WAIT ON DAYLIGHT & CRANE TO MOVE DERRICK & SUB							
		WHILE SQUITTING SUB A SUPORT BEAM GOT BENT UP AGAINST A TRANSPORT PIN THAT WAS LEFT IN ON DRILLER SIDE - NABORS HAS SOMEONE COMING OUT TO FIX IT							
		WHILE RIGGING UP TRAILERS HAD NUMEROUS ELEC. PROBLEMS WITH GENERATOR RENTED FROM CG ELECTRICAL							
						<b>RECEIVED</b>			
						<b>DEC 22 2008</b>			
						<b>DIV. OF OIL, GAS &amp; MINING</b>			
Total Hours 24									
		Depth Feet To Go		Depth Feet To Go					
		Wasatch 5686' -7974'		Sunnyside 12466' -1194'					
		Mesaverde 9506' -4154'		Kenilworth 12706' -954'					
		Lower Measverd 11096' -2564'		Aberdeen 12816' -844'					
		Castlegate 12016' -1644'		Spring cany. 12936' -724'		TOTAL BHA = 0.00			
		Desert 12246' -1414'		Mancos 13066' -594'		Survey			
		Grassy 12366' -1294'		TD 13650' -10'		Survey			
P/U		FLARE DRLG:		VENT: NO		GAS BUSTER: YES		BKG GAS unit	
S/O		FLARE TRIP: 25' - 30'		BOILER: 24 HRS		DEGASSER: NO		CONN GAS unit + BKG GAS	
ROT.		LAST CSG. RAN: 4 1/2"		SET @ 13641' KB		PEAK GAS		units	
FUEL Used:		ON HAND 4,520		Co.Man J.D. ALLEN		TRIP GAS		units	
BIT #		ICS OCS DC		LOC B/S G		ODC RP			
CONDITION									

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**UTU-016544**

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 13-18-9-19**

9. API Well No.  
**4304739776**

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

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

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

1. Type of Well  
 Oil Well     Gas Well     Other    **CONFIDENTIAL**

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

3a. Address **8 INVERNESS DR. E, # 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)  
**1782' FSL & 764' FWL  
NW SW of Section 18-T9S-R19E**

**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 productive intervals in the Mancos and Mesaverde formations and to commingle production from these intervals. Following 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 allocate production from each pool so commingled will be by individual interval hydrocarbon pore volume calculation.

Gasco Production Company has provided the owners of all contiguous oil and gas leases or drilling units overlying the pools to be commingled with a copy of this application. Gasco therefore respectfully requests that the Division accept this application, with attachments, in lieu of the required affidavit with regard to notification of the aforementioned owners.

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

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

**Matt Owens**

Title **Petroleum Engineer**

Signature

Date

**12/22/08**

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

Approved by

Title

**Pet Eng**

Date

**12/22/09**

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

**DOGMA**

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: **12/29/2009**

Initials: **KS**

**RECEIVED**  
**JAN 05 2009**  
**DIV. OF OIL, GAS & MINING**

INLAND PRODUCTION CO

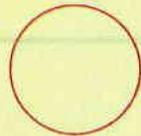
PARIETTE BENCH & CHORNEY UNIT 2

18

Newfield Exploration Company  
S O U T A H I N C

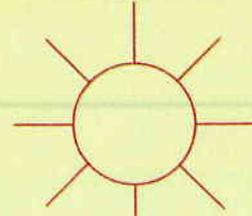
EIGHT MILE FLAT 43-13

FEDERAL



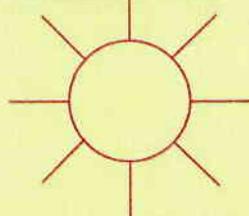
13-18-9-19

FEDERAL



23-18-9-19

FEDERAL



14-18-9-19

Gasco Leases



660

0

660 ft



Gasco Federal 13-18-9-19

NWSW Sec 18 T9S-R19E

Uinta Co, Utah





December 29, 2008

Newfield Exploration Company  
1401 Seventeenth St., Suite 1000  
Denver, Colorado 80202  
Attention: Ms. Kelly Donohue

Via email: [kdonohoue@newfield.com](mailto:kdonohoue@newfield.com)

**RE: Notice of Intent to Completion into Two or More Pools  
Federal 13-18-9-19 located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 18-T9S-R19E  
Uintah County, UT**

Kelly:

Gasco Production Company is applying to the Utah Division of Oil, Gas & Mining ("UDOGM") for authorization to complete the subject well into two or more pools, the Mancos formation and the Mesaverde formation.

Pursuant to Rule 649-3-22 of UDOGM Rules and Regulations, Gasco Production Company does herewith advise Newfield Exploration Company, as the owner of contiguous oil and gas leases or drilling units overlying the pools, of our intention to complete and commingle production on the subject well. Unless you have objection to this commingling plan, no action is required on your part. If you do feel a need to object to this commingling plan, those comments should be directed to:

UDOGM  
Attn: Dustin Doucet  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Objections will be accepted up to 15 days after Gasco's application is filed with the Division (R649-3-22.3.1). If you have any questions or concerns, please contact me at 303-996-1812.

Yours very truly,

A handwritten signature in black ink, appearing to read "David R. Smith".

David R. Smith  
Manager, Land and Regulatory Affairs

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

Tel: (303) 483-0044  
Fax (303) 483-0011  
Email: [dsmith@gascoenergy.com](mailto:dsmith@gascoenergy.com)

**RECEIVED**  
**JAN 05 2009**  
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 re-enter an abandoned well. Use Form 3160-3 (AND) for such proposals.*

**CONFIDENTIAL**

**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-016544
2. Name of Operator Gasco Production Company		6. 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 for CA, Agreement Name and/or No. NA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1782' FSL & 764' FWL NW SW of Section 18-T9S-R19E		8. Well Name and No. Federal 13-18-9-19
		9. API Well No. 4304739776
		10. Field and Pool, or Exploratory Area Pariette Bench
		11. County or Parish, State Uintah County

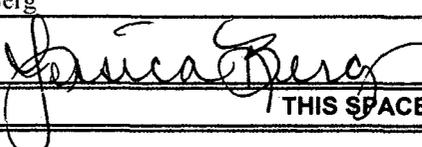
**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Status Sundry</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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or 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 reached TD on 12/14/2008. Completion operations have been suspended on this well until prices justify the operation.*

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

Name (Printed/ Typed) Jessica Berg	Title Production Clerk
Signature 	Date May 4, 2009

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

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

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

(Instructions on page 2)

**RECEIVED**

**MAY 12 2009**

<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-016544
---	---

<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 13-18-9-19
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397760000
---	---

<b>3. ADDRESS OF OPERATOR:</b> 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	<b>PHONE NUMBER:</b> 303 483-0044 Ext	<b>9. FIELD and POOL or WILDCAT:</b> PARIETTE BENCH
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/24/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input 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:

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

This well was put on production and had first sales on 2/24/2010.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 02, 2010

<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> 3/2/2010	

<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-016544
---	---

<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 13-18-9-19
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397760000
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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> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 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: 2/24/2010  <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 checked="" 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 type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: EFM Meter

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

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 regulations.

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

Date: March 03, 2010

By: *Derek Berg*

<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> 3/2/2010	

<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-016544
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<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 13-18-9-19
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<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397760000
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 Township: 09.0S Range: 19.0E Meridian: S	<b>COUNTY:</b> Uintah  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/24/2010  <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:

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

All produced water from this well will be trucked off the location and disposed of at either the Desert Spring State Evaporation Facility (NW 1/4 of Section 36-T9S-R18E Uintah County, UT) which is owned by Gasco Production Company or the Eight Mile Flat Evaporation Facility (Section 36-T9S-R18E Uintah County, UT) which is also owned by Gasco Production Co. In the event that Gasco's pits become full we would take the water to M & R Oilfield's Commercial waste water disposal NW quarter of section 3-T5S-R3W or to Brennan Bottom's disposal site in Roosevelt, Utah.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 March 04, 2010

<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> 3/2/2010	

**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. Resvr.  
 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 **1782' FSL & 764' FWL NWSW Sec 18 T9S R18E**  
 At top prod. interval reported below **same**  
 At total depth **same**

14. Date Spudded **10/17/08**  
 15. Date T.D. Reached **12/14/08**  
 16. Date Completed  D & A  Ready to Prod. **02/24/10**

18. Total Depth: MD **13660** TVD **13660**  
 19. Plug Back T.D.: MD **13660** TVD **13660**  
 20. Depth Bridge Plug Set MD **NA** TVD **NA**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**GR, DN, HDIL, CAL, CCL, CBL compz, mud**  
 22. Was well cored?  No  Yes (Submit copy)  
 Was DST run?  No  Yes (Submit copy)  
 Directional Survey?  No  Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16" H-40	65#	0	150		225 sx Class G	259	Circ to Surf	
12 1/4"	9 5/8" P-11	47#	0	3676		608 sx Class G	336	Circ to Surf	
						209 sx Class C	59		
7 7/8"	4 1/2 P-11	15.1#	0	13641		732 sx Class G	1654	Inside Surf	
						1270 sx 50/50 Poz G	1943		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
NA								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	13454	13513	13454-57; 13470-73; 13497-500; 13510-13	.38	36	Open
B) Mancos	13112	13371	13112-15; 13139-42; 13316-19; 13368-71	.38	36	Open
C) Mesaverde	12972	12980	12972-80	.38	48	Open
D)						
E)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	13454	13513	13454-57; 13470-73; 13497-500; 13510-13	.38	36	Open
B) Mancos	13112	13371	13112-15; 13139-42; 13316-19; 13368-71	.38	36	Open
C) Mesaverde	12972	12980	12972-80	.38	48	Open
D)						
E)						

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

Depth Interval	Amount and type of Material
13454-13513	FR frac well w/2.853# 100 mesh sand, 107.731# 40/70 white sand, 11.404# 40/70 resin coated sand, 2,854 bbls 2% FR fluid (Clo2 water), and flushed w/201 bbls FR fluid w/scale inhibitor and acid for next stage
13112-13371	FR frac well w/3.234# 100 mesh sand, 112.765# 40/70 white sand, 20.688# 40/70 resin coat sand, 2,805 bbls 2% FR fluid (Clo2 water), and flushed w/191 bbls fr water. Spot 250 gal 15% across next set of perms, as well as scale inhibitor for next stage
12972-12980	FR fluid frac well w/2.877# 100 mesh sand, 131.278# 30/50 white, 15.875# 30/50 resin coat, 2,969 bbls 2% FR fluid (Clo2 water), and flushed w/183 bbls Clo2 water

28. Production - Interval A,B&C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/24/10	02/28/10	24	→	0	1,216	314			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
12/64		3248	→	0	1,216	314		Producing from intervals A,B&C	

28a.

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

5. Lease Serial No. **UTU-016544**  
 6. If Indian, Allottee or Tribe Name **NA**  
 7. Unit or CA Agreement Name and No. **NA**  
 8. Lease Name and Well No. **Federal 13-18-9-19**  
 9. API Well No. **43-047-39776**  
 10. Field and Pool, or Exploratory **Pariette Bench**  
 11. Sec., T., R., M., or Block and Survey or Area **18 T9S R18E**  
 12. County or Parish **Uintah** 13. State **Utah**  
 17. Elevations (DF, RKB, RT, GL)\* **GL: 4,480'; RKB: 4,865'**

**RECEIVED**  
**MAR 09 2010**

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

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

28b.

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

28c. Production - Interval E

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

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

**Sold**

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Wasatch	5,700	9,556	TD'd within Mancos		
Mesaverde	9,556	13,000			
Mancos	13,000	13,660			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name (please print) Matt Owens Title Petroleum Engineer  
 Signature  Date 3/1/2010

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.

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

FORM 6

**ENTITY ACTION FORM**

Operator: Gasco Production Co Operator Account Number: N 2575  
Address: 8 Inverness Drive East, Ste 100  
city Englewood  
state Co zip 80112 Phone Number: (303) 483-0044

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739730	Sheep Wash Fed 11-25-9-18		NWNW	25	9S	18E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17266	17266	1/15/2009			12/9/2004 2010	
Comments: Change of Formation to <u>MVMCS</u>							<b>CONFIDENTIAL</b> 3/10/10

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739776	Federal 13-18-9-19		NWSW	18	9S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17149	17149	10/17/2008			2/24/2010	
Comments: Change of formation to <u>MVMCS</u>							<b>CONFIDENTIAL</b> 3/10/10

**Well 3**

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

**ACTION CODES:**

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

Jessica Berg

Name (Please Print)

Signature

Production Clerk

Title

3/10/2010

Date

**RECEIVED**

MAR 10 2010

(5/2000)

<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-016544
<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 13-18-9-19
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397760000
<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> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 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 type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 2/24/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input 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: _____

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

This well was put on production and had first sales on 2/24/2010.

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

March 02, 2010

<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> 3/2/2010	

<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-016544
<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 13-18-9-19
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397760000
<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> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 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: 2/24/2010	<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 type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input 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 checked="" type="checkbox"/> OTHER	OTHER: EFM Meter

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

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 regulations.

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

Date: March 03, 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> 3/2/2010	

<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-016544
<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 13-18-9-19
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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> 1782 FSL 0764 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 18 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: 2/24/2010  <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: _____

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

All produced water from this well will be trucked off the location and disposed of at either the Desert Spring State Evaporation Facility (NW 1/4 of Section 36-T9S-R18E Uintah County, UT) which is owned by Gasco Production Company or the Eight Mile Flat Evaporation Facility (Section 36-T9S-R18E Uintah County, UT) which is also owned by Gasco Production Co. In the event that Gasco's pits become full we would take the water to M & R Oilfield's Commercial waste water disposal NW quarter of section 3-T5S-R3W or to Brennan Bottom's disposal site in Roosevelt, Utah.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 04, 2010

<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> 3/2/2010	

<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-016544
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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.

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

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  
 To: Badlands Production Company  
 Effective Date: 4/16/2015

RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P
FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P

From: Gasco Production Company  
 To: Badlands Production Company  
 Effective Date: 4/16/2015

SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S

From: Gasco Production Company  
To: Badlands Production Company  
Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-76482

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
Desert Spring Fed 21-1-10-18

2. NAME OF OPERATOR:  
Gasco Production Company

9. API NUMBER:  
4304737631

3. ADDRESS OF OPERATOR:  
7979 E. Tufts Ave. CITY Denver STATE CO ZIP 80237

PHONE NUMBER:  
(303) 483-0044

10. FIELD AND POOL, OR WILDCAT:  
Uteland Butte

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 0633 FNL 1512 FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 1 10S 18E S

STATE: UTAH

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

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

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

Gasco Production Company requests a change of operator on this well, in addition to the wells on the attached list from Gasco Production Company to Badlands Production Company, effective date of 4/16/2015.

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

*Michael Decker*

Michael Decker, Exec. Vice President & COO

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

*Michael Decker*

Michael Decker, Exec. Vice President & COO

RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lindsey Cooke

TITLE Engineering Tech

SIGNATURE *Lindsey Cooke*

DATE 5/18/2015

(This space for State use only)

APPROVED

JAN 22 2016

DIV. OIL GAS & MINING  
BY: *Rachel Medina*

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100S	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	090S	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	100S	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	100S	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	100S	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	100S	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	100S	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090S	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	090S	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	090S	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	090S	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19	31	090S	190E	4304734201	13641	Federal	Federal	GW	P
FED 42-29-9-19	29	090S	190E	4304734202	13455	Federal	Federal	GW	P
PETES WASH 23-12 #1	12	100S	170E	4304734286	13492	Federal	Federal	GW	P
STATE 4-32B	32	090S	190E	4304734314	14440	State	State	GW	P
FED 14-18-2 #1	18	100S	180E	4304734539	13491	Federal	Federal	GW	P
FED 43-24-3 #1	24	100S	170E	4304734551	13726	Federal	Federal	GW	P
LYTHAM FED 22-22-9-19	22	090S	190E	4304734607	13640	Federal	Federal	GW	P
FED 11-21-9-19	21	090S	190E	4304734608	14151	Federal	Federal	GW	P
FED 22-30-10-18	30	100S	180E	4304734924	14280	Federal	Federal	GW	P
FEDERAL 43-30-9-19	30	090S	190E	4304735343	14202	Federal	Federal	GW	P
FED 11-22-9-19	22	090S	190E	4304735404	14203	Federal	Federal	GW	P
FED 42-21-9-19	21	090S	190E	4304735405	14928	Federal	Federal	GW	P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	P

FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	P
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090S	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	090S	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
FEDERAL 21-30-9-19	30	090S	190E	4304736739	15476	Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090S	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S	190E	4304737613	16052	Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E	4304737621	16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30	090S	190E	4304737630	16557	Federal	Federal	GW	P
DESERT SPRING FED 21-1-10-18	1	100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	090S	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	S
RBV 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBV 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBV 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
RBV 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