



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".

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

October 22, 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**  
**Sheep Wash Federal #31-25-9-18**  
**853' FNL and 2132' FEL**  
**NW NE Section 25, T9S - R18E**  
**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*

Venessa Langmacher  
Consultant for  
Gasco Production Company

Enc.

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

**RECEIVED**  
**OCT 24 2007**  
**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-009803</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>Sheep Wash Federal #31-25-9-18</b>	
3. ADDRESS OF OPERATOR: <b>8 Inverness Drive East, Suite 100, Englewood, CO 80112</b>		PHONE NUMBER: <b>303-483-0044</b>	10. FIELD AND POOL, OR WILDCAT: <b>Eight nqy Plat 540</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>599059X 44289554 40.006871 -109.839441</b> 853' FNL and 2132' FEL AT PROPOSED PRODUCING ZONE: <b>NW NE</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Sec. 25, T9S-R18E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 23.96 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. 853'</b>	16. NUMBER OF ACRES IN LEASE: <b>1400.01</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres; NW NE</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>Approx. 1100'</b>	19. PROPOSED DEPTH: <b>12,975'</b>	20. BOND DESCRIPTION: <b>Bond #UT-1233</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4906' 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#	3,518'	588 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#	12,975'	366 sx Hi-Lift, 11.5 ppg, 3.05 yield & 1326 sx 50-50 Poz, 14.1 ppg, 1.28 yield
<b>CONFIDENTIAL-TIGHT HOLE</b>			

**ATTACHMENTS**

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

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

AGENT: **PermitCo Inc.**

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

NAME (PLEASE PRINT) **Venessa Langmacher**

TITLE **Agent for Gasco Production Company**

SIGNATURE *Venessa Langmacher*

DATE **October 22, 2007**

(This space for State use only)

API NUMBER ASSIGNED: **73047-39729**

APPROVAL:

Approved by the  
Utah Division of  
Oil, Gas and Mining

**RECEIVED**  
**OCT 24 2007**  
DIV. OF OIL, GAS & MINING

Date: **10-31-07**  
By: *[Signature]*

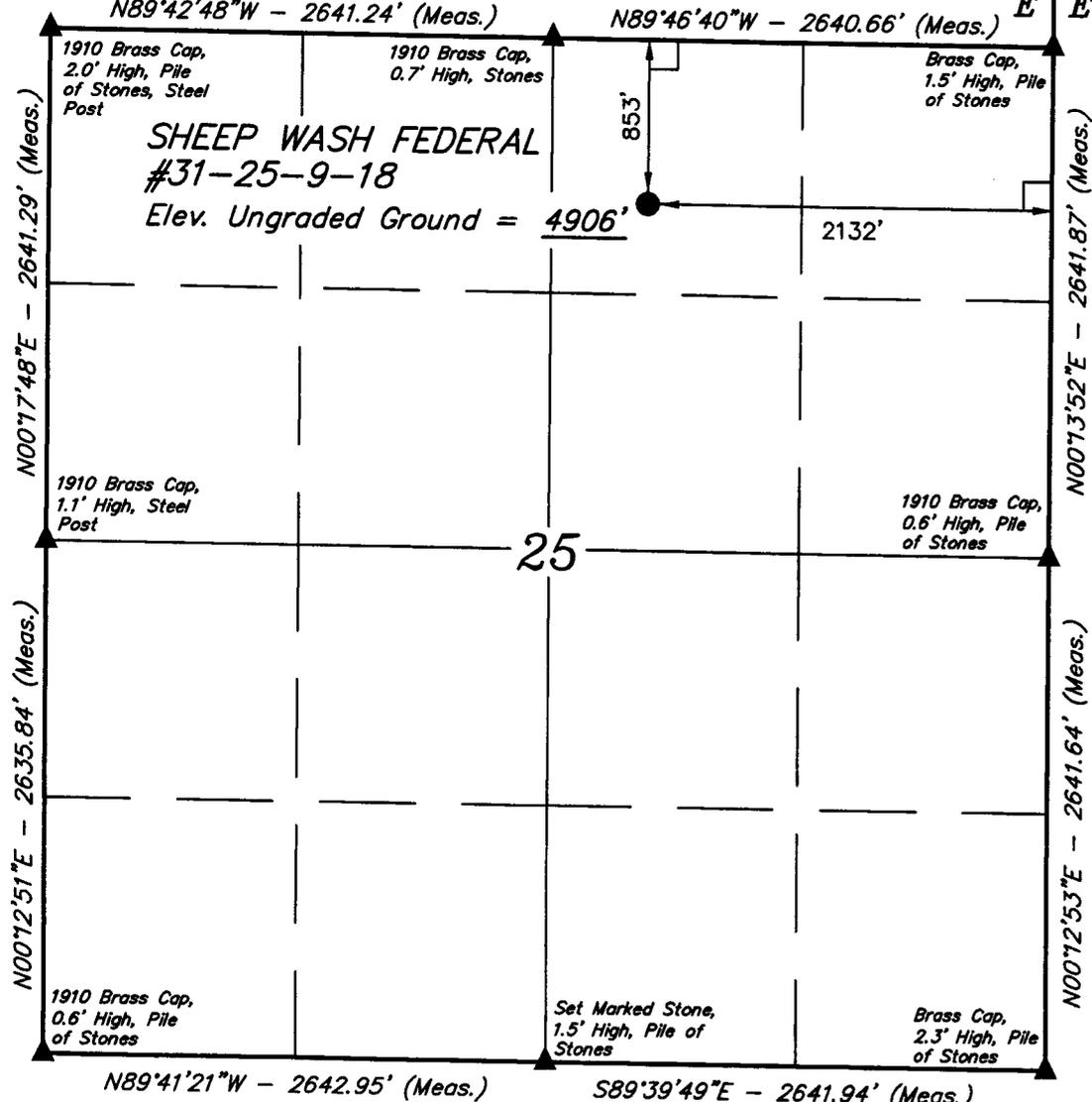
T9S, R18E, S.L.B.&M.

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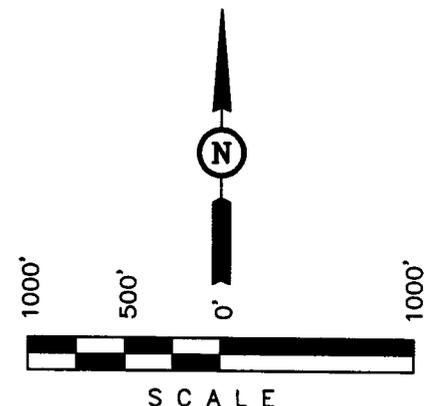
GASCO PRODUCTION COMPANY

Well location, SHEEP WASH FEDERAL  
#31-25-9-18, located as shown in the NW 1/4  
NE 1/4 of Section 25, T9S, R18E, S.L.B.&M.,  
Uintah County, Utah.



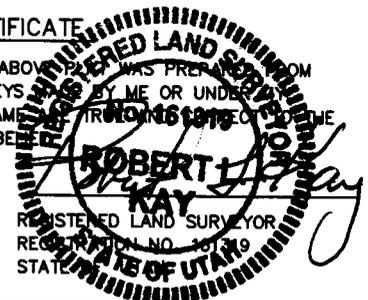
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHWEST CORNER OF SECTION 31, T9S, R19E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY SAID ELEVATION IS MARKED AS BEING 4838 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS BY ME OR UNDER MY SUPERVISION AND THAT THE SAME TRULY REPRESENT THE BEST OF MY KNOWLEDGE AND BELIEF.



BASIS OF BEARINGS

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

LEGEND:

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

(AUTONOMOUS NAD 83)  
LATITUDE = 40°00'24.52" (40.006811)  
LONGITUDE = 109°50'24.68" (109.840189)  
(AUTONOMOUS NAD 27)  
LATITUDE = 40°00'24.65" (40.006847)  
LONGITUDE = 109°50'22.16" (109.839489)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-22-07	DATE DRAWN: 03-23-07
PARTY J.W. B.P. L.K.		REFERENCES G.L.O. PLAT
WEATHER COOL		FILE GASCO PRODUCTION COMPANY

Gasco Production Company  
Sheep Wash Federal #31-25-9-18  
853' FNL and 2132' FEL  
NW NE Section 25, T9S - R18E  
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 12<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

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OCT 31 2007  
DIV. OF OIL, GAS & MINING



## APPLICATION FOR PERMIT TO DRILL OR REENTER

### 24. Attachments

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

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

**ONSHORE 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	5,405'	-490'
Mesaverde	9,235'	-4,320'
Castlegate	11,755'	-6,840'
Blackhawk	12,010'	-7,095'
Spring Canyon	12,675'	-7,760'
T.D.	12,975'	-8,060'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,600'-9,235'
Gas	Mesaverde	9,235'-11,755'
Gas	Blackhawk	12,010'-12,875'

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.



m. The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Conductor	0-200'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3,518'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-12,975'	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:

<i>Conductor</i>	<i>Type and Amount</i>
Conductor	200 sx Premium Type 5 @ 15.6 ppg, 1.18 cu ft/sk yield
<i>Surface</i>	<i>Type and Amount</i>
TOC @ Surface	Lead: 588 sx Hi-Lift @ 11 ppg, 3.91 cu ft/sk yield Tail: 185 sx 10-2 RFC @ 14.2 ppg, 1.63 cu ft/sk yield
<i>Production</i>	<i>Type and Amount</i>
TOC @ 2,500'	Lead: 366 sx Hi-Lift @ 11.5 ppg, 3.05 cu ft/sk yield Tail: 1326 sx 50:50 Poz @ 14.1 ppg, 1.28 cu ft/sk yield

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

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

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



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

**5. MUD PROGRAM**

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

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>PH</i>
0' - 200'	Fresh Water	8.33	1	---	7
200' - 3,518'	Fresh Water	8.33	1	---	7-8
3,518' - 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. The logging program will consist of a Schlumberger Platform Express (or equivalent) to be run from base of surface casing to T.D.
- 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 (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program will be 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 7266 psi. The maximum bottom hole temperature will be 221 degrees Fahrenheit.
- b. No hydrogen sulfide gas is anticipated. Abnormal Pressures will be controlled with the mud weight.

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

- a. Drilling is planned to commence upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 35 days.



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

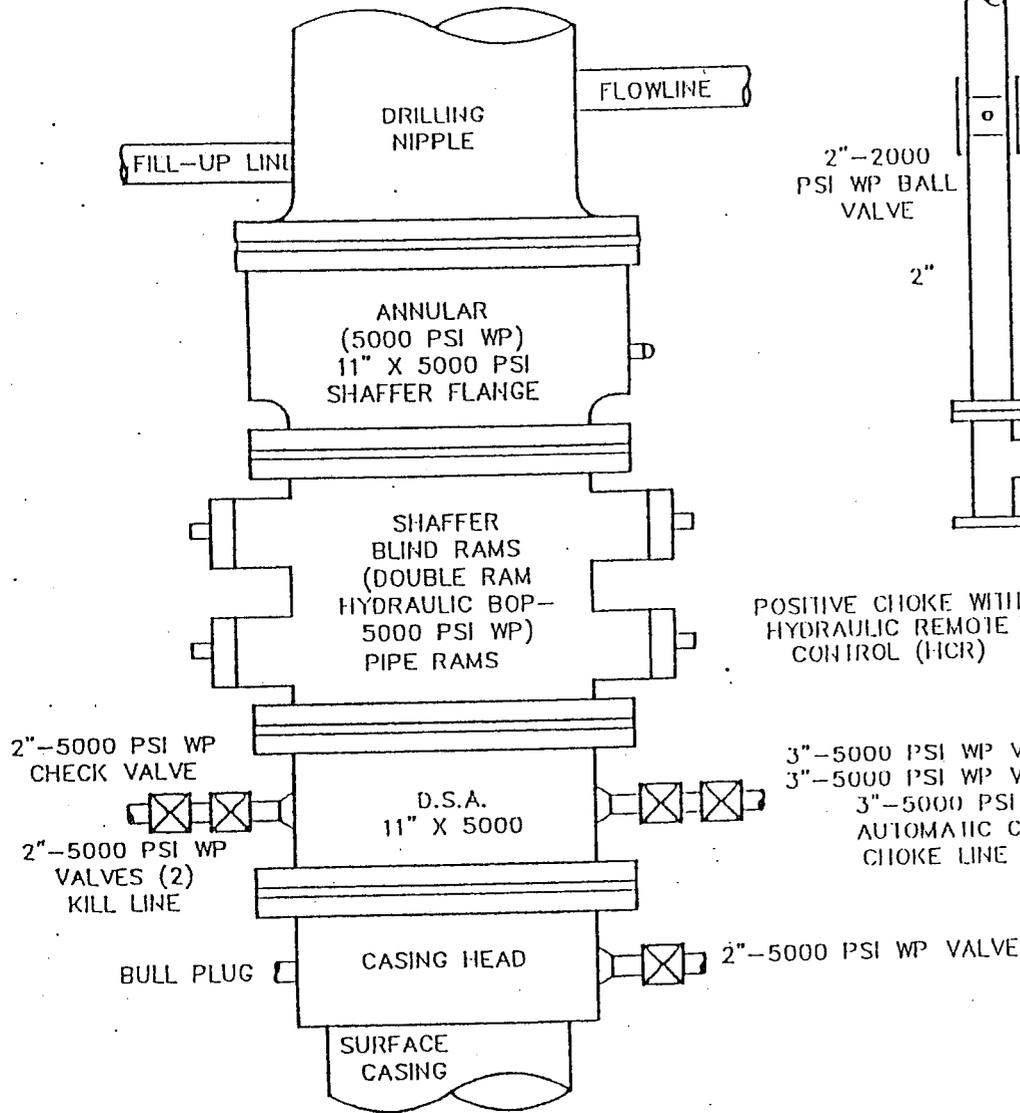


- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring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

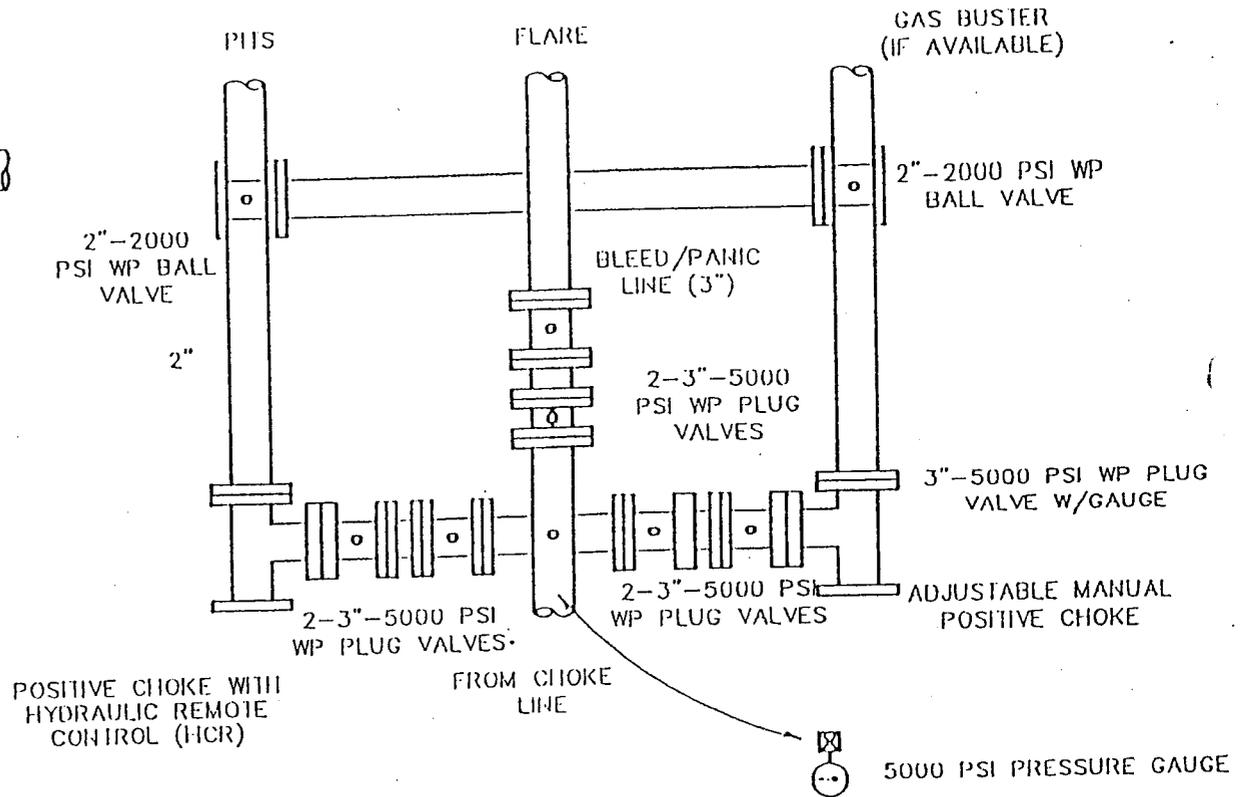
Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400		Fax: 435/781-4410
After Hours:		
Matt Baker	Petroleum Engineer	435/828-4470
Michael Lee	Petroleum Engineer	435/828-7875



**BOP SCHEMATIC**  
5000 PSI WORKING PRESSURE



**PLAN VIEW CHIOKE MANIFOLD**



THE HYDRAULIC CLOSING UNIT WILL BE LOCATED MORE THAN 30' FROM THE WELLHEAD. CHIOKE AND BLEED/PANIC LINES WILL GO TO THE PIT AND FLARE. ALL CONNECTIONS IN CHIOKE 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 12:08 p.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 23.9 miles southeast of Myton, Utah.



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

Proceed southwesterly on Highway 40 for 1.5 miles. Turn left and proceed southeasterly for approximately 11 miles to the Castle Peak Mine. Turn left and proceed east for approximately 6.7 miles on the 8 Mile Flat Road. Turn right and proceed southeasterly on an improved road for 4.7 miles. Turn left onto the proposed access and proceed north 320 feet 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 320 feet of road will be new construction.
- b. The maximum grade of the new construction will be approximately 2%.
- c. No turnouts are planned.
- d. No culverts or low water crossings will be necessary.
- e. The last 320 feet of proposed access road was centerline flagged at the time of staking.
- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattleguards will be installed.



Gasco Production Company

**Sheep Wash Federal #31-25-9-18**

Lease No. UTU-009803

853' FNL and 2132' FEL

NW NE Section 25, T9S - R18E

**SURFACE USE PLAN**

Uintah County, Utah

Page 3

- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- l. No road right of way is needed since all new access is located with the lease boundary.

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

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



- f. Temporarily abandoned wells - none
- g. Disposal wells -none
- h. Abandoned wells - five
- i. Dry Holes - none

**4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.**

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted 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 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 production is established a production facility layout will be submitted via Sundry Notice.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the separator. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.



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

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

- a. The proposed water source will be the Nebecker Water Service at the Nebecker Water Station in Myton, permit #43-1721.
- b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

**6. SOURCE OF CONSTRUCTION MATERIAL**

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.



- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

**7. METHODS OF HANDLING WASTE DISPOSAL**

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.



**8. ANCILLARY FACILITIES**

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

**9. WELL SITE LAYOUT**

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the south side of the location.
- c. The flare pit will be located on the west side of the reserve pit, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the north 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 south as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
  1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.



3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
  5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

**10. PLANS FOR RESTORATION OF SURFACE**

Producing Location

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



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

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

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.

**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 and is attached (GRI Project No. 2722, dated April 23, 2007).
- b. A Paleontological Evaluation was done by Alden Hamblin on April 16, 2007. A copy of the 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.

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  
*Sheep Wash Federal #31-25-9-18*

1. The type of pipeline is a single well flow line.
2. The outside diameter (O.D.) of all will be 8 inches maximum.
3. The anticipated production through the line is approximately 2000 MCF per day.
4. The anticipated maximum test pressure is 1000 psi.
5. The anticipated operating pressure is 100-200 psi.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. The pipeline will be laid on surface because of the extremely rocky surface.
9. There are no other pipelines to be associated in same right of way.
10. 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.)
11. The total length of pipeline is approximately 249' - see Map D.
12. Where possible, the pipeline will follow existing or proposed roads.
13. The construction width for total surface disturbing activities is 30 feet.
14. The estimated total acreage involving all surface disturbing activities is 0.17 total acres.
15. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.
16. The line will be tested with gas pressure to 1000 psi.



**FEDERAL STIPULATIONS AND TIMING RESTRICTIONS**

There will be no drilling from May 15<sup>th</sup> through June 15<sup>th</sup> for the protection of Mountain Plover.

There will be no drilling from April 1<sup>st</sup> through August 15<sup>th</sup> for the protection of Burrowing Owl.



**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

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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

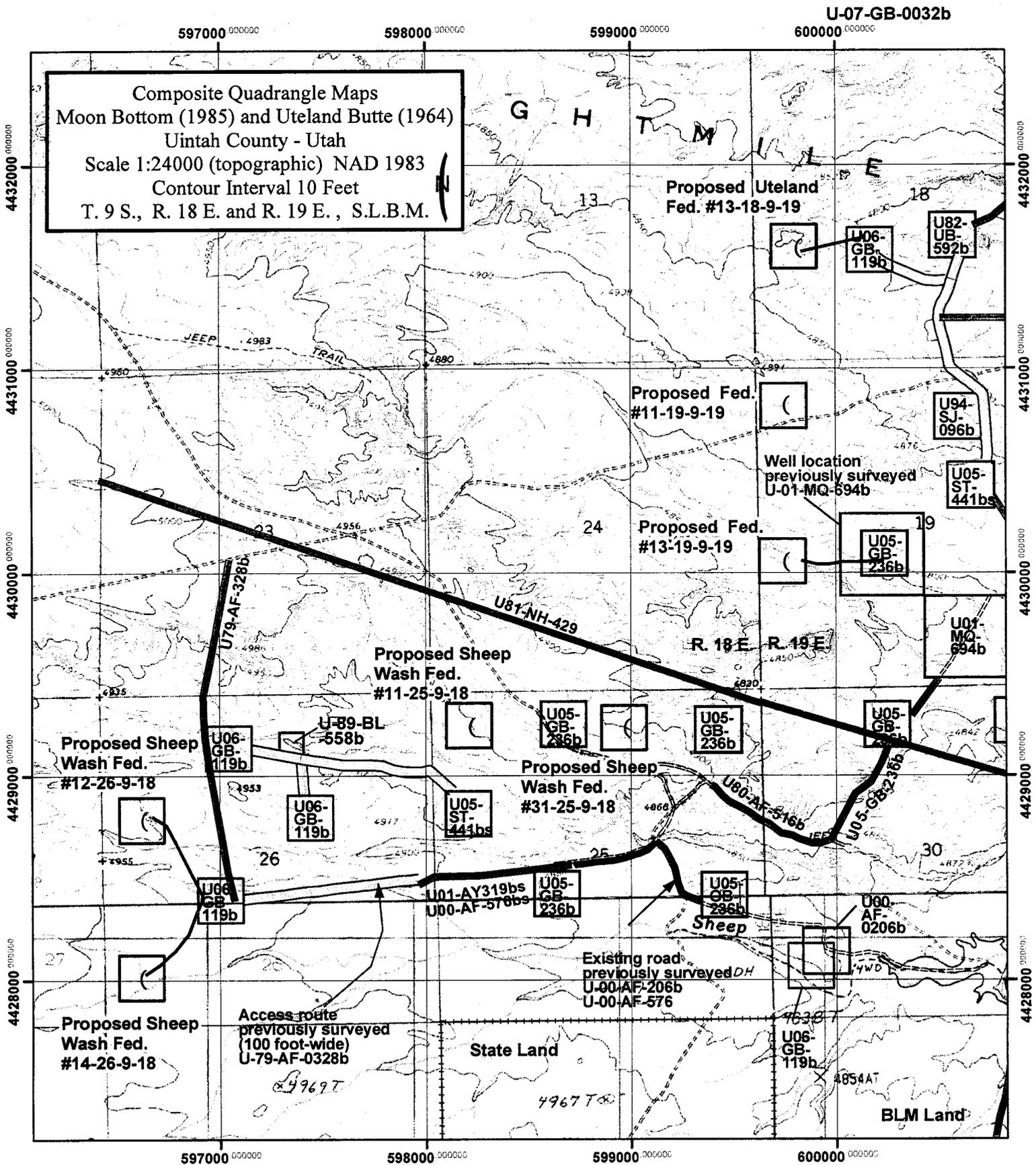


Figure 1. Prefield area map (1 of 3) for the Class III cultural resources inventory of 16 proposed Federal and State well locations and short new accesses in the Sheep Wash and Uteland Butte areas of Uintah County, Utah, for Gasco Production Co. Areas to be surveyed are indicated. [Grand River Institute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

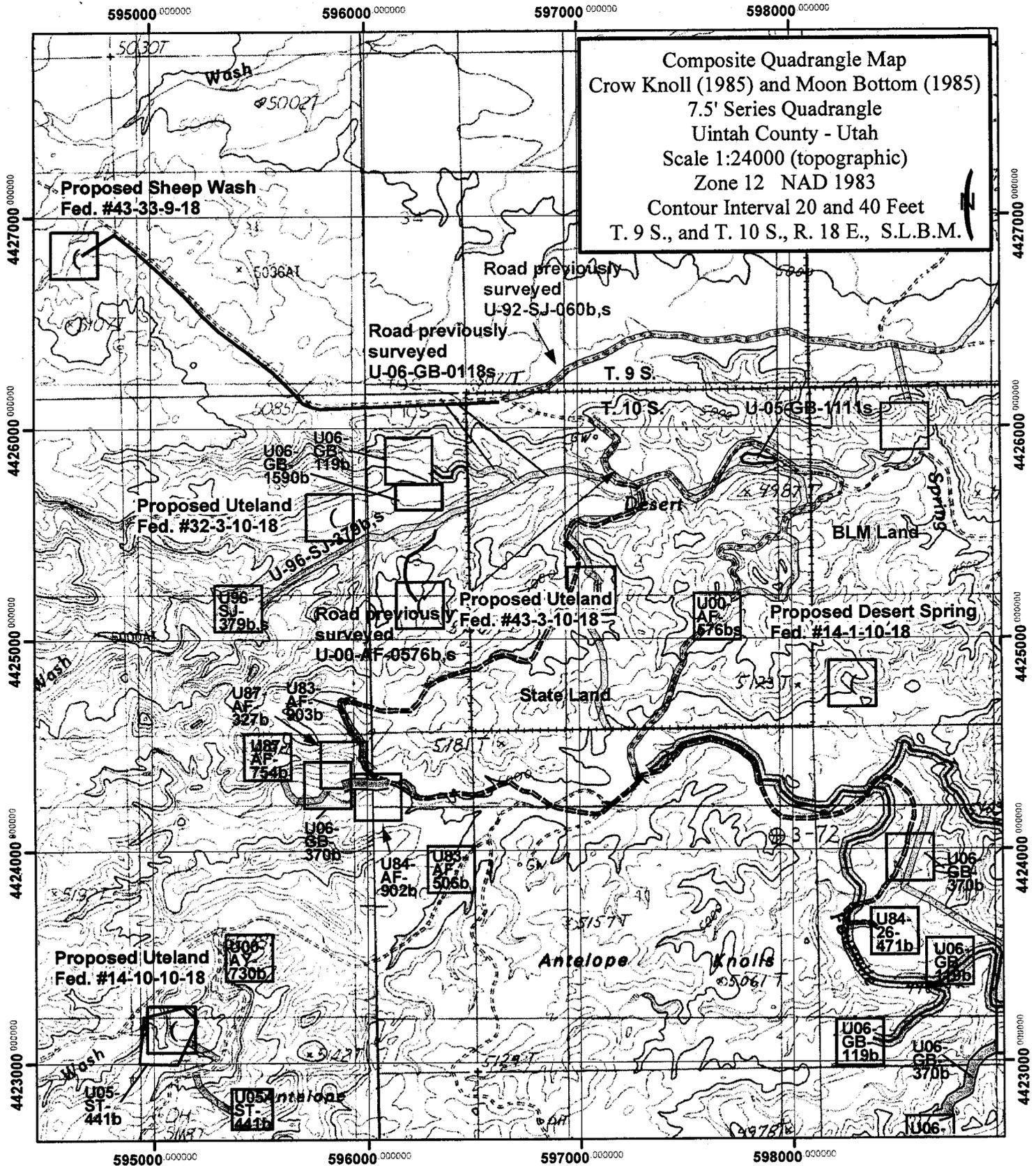


Figure 2. Prefield area map (2 of 3) for the Class III cultural resources inventory of 16 proposed Federal and State well locations and short new accesses in the Sheep Wash and Uteland Butte areas of Uintah County, Utah, for Gasco Production Co. Areas to be surveyed are indicated. [Grand River Institute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

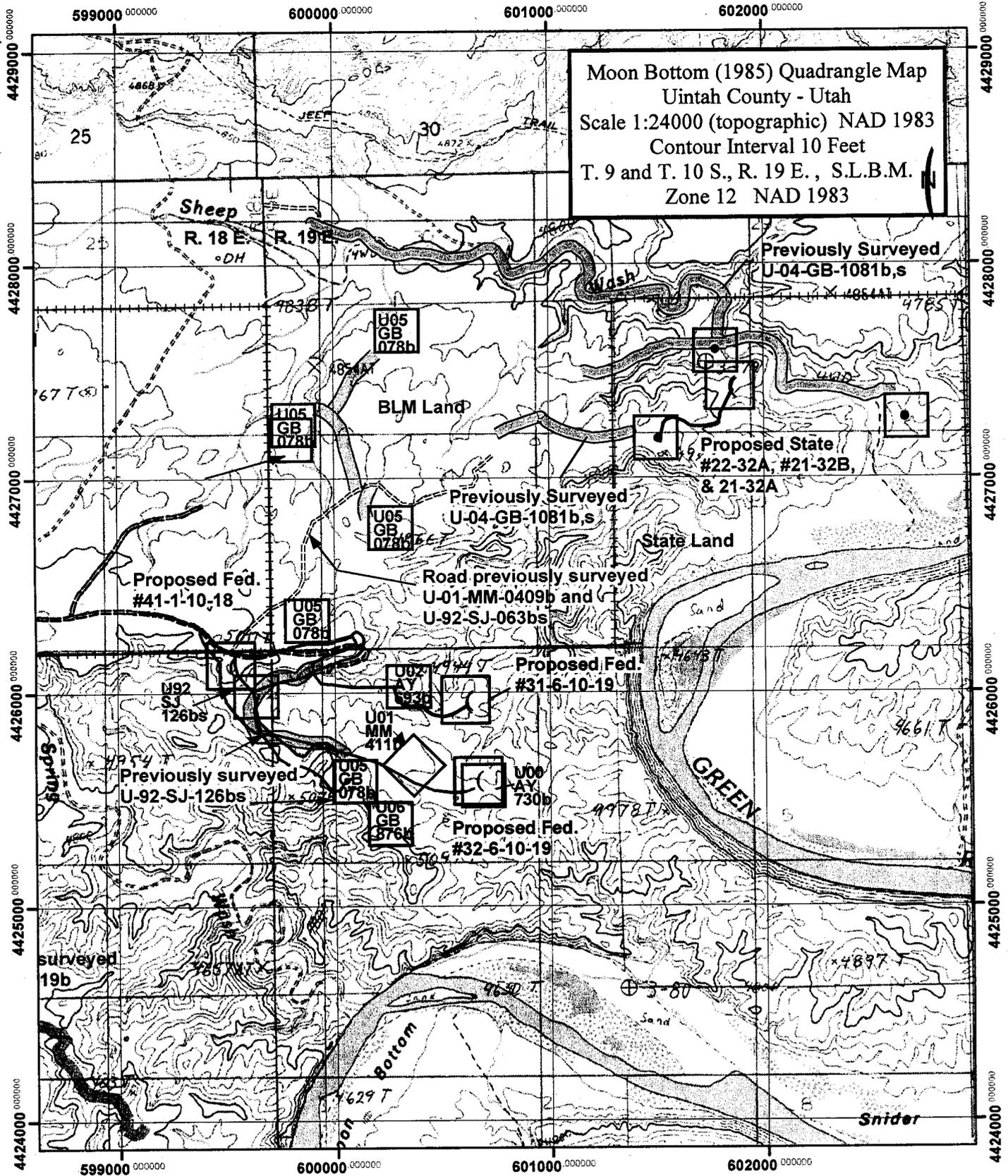


Figure 3. Prefield area map (1of3) for the Class III cultural resources inventory of 16 proposed Federal and State well locations and short new accesses in the Sheep Wash and Uteland Butte areas of Uintah County, Utah, for Gasco Production Co. Areas to be surveyed are indicated. [Grand River Institute #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 - Sheep Wash Federal #31-25-9-18

**LOCATION:** Twenty miles south, southeast of Roosevelt, Utah in 853' FNL 2132' FEL 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. The well location is on a sand covered area with a gentle slope to the north-northeast. Short road and pipeline.

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

**SURVEY RESULTS:** Invertebrate [ ] Plant [ ] Vertebrate [ X ] Trace [ ] No Fossils Found [ ]  
There is a place near the northeast corner, Stake #2 that appears to have been bulldozed out to a small pond years ago. There are a number of small turtle shell fragments in the lag deposits there that may have been bulldozed up. This is a low area and will receive fill.

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

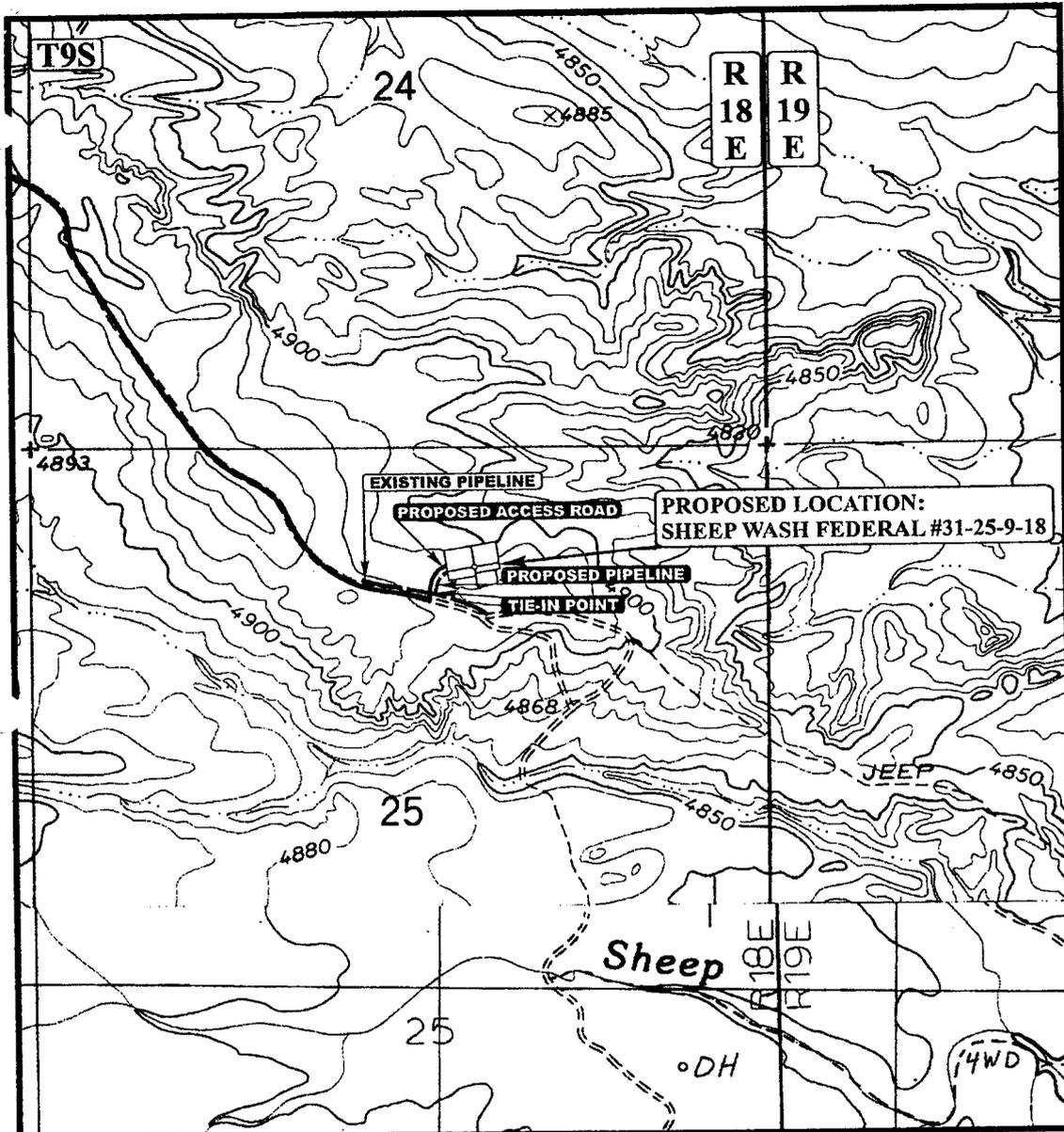
**MITIGATION RECOMMENDATIONS:** NONE [ X ] OTHER [ ] (SEE BELOW)

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.



APPROXIMATE TOTAL PIPELINE DISTANCE = 249' +/-

**LEGEND:**

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

**GASCO PRODUCTION COMPANY**

SHEEP WASH FEDERAL #31-25-9-18  
 SECTION 25, T9S, R18E, S.L.B.&M.  
 853' FNL 2132' FEL

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



TOPOGRAPHIC MAP 03 23 07  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



**GASCO PRODUCTION COMPANY**  
**SHEEP WASH FEDERAL #31-25-9-18**  
 LOCATED IN UINTAH COUNTY, UTAH  
 SECTION 25, T9S, R18E, S.L.B.&M.

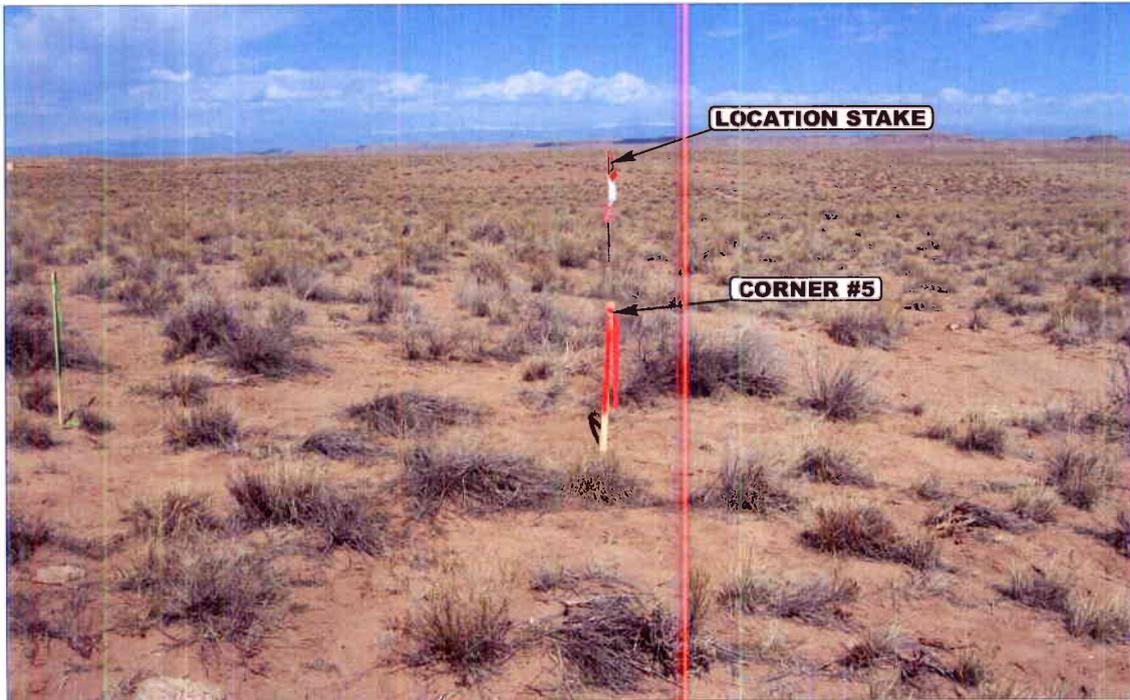


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

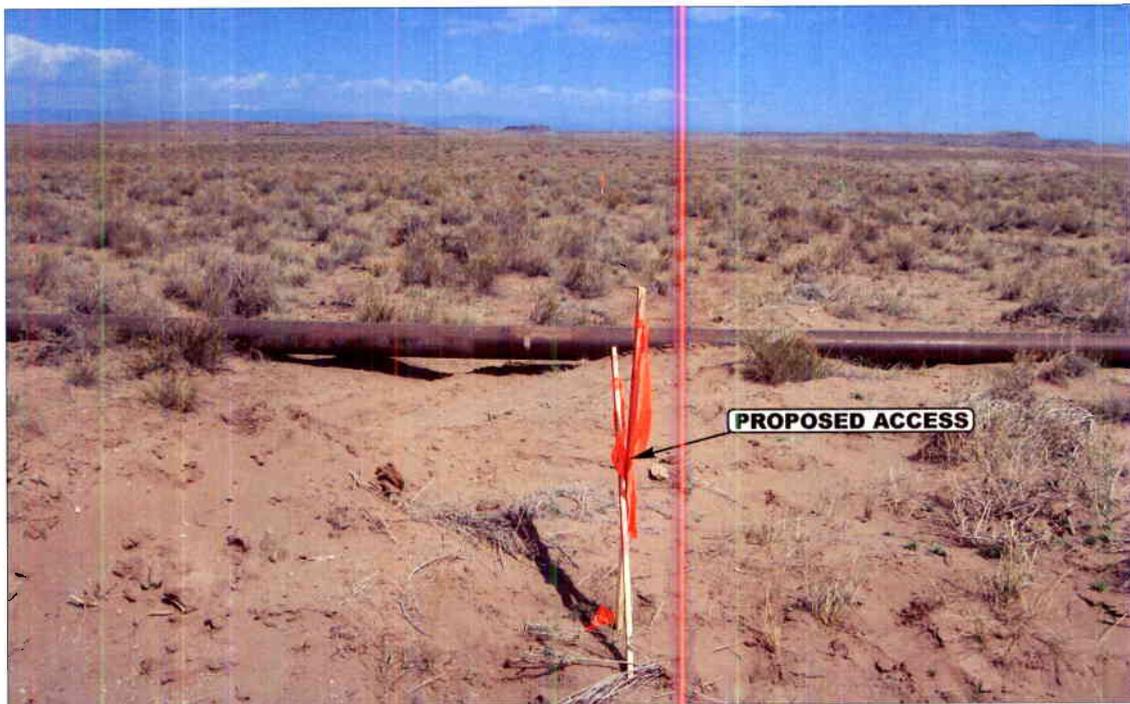


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

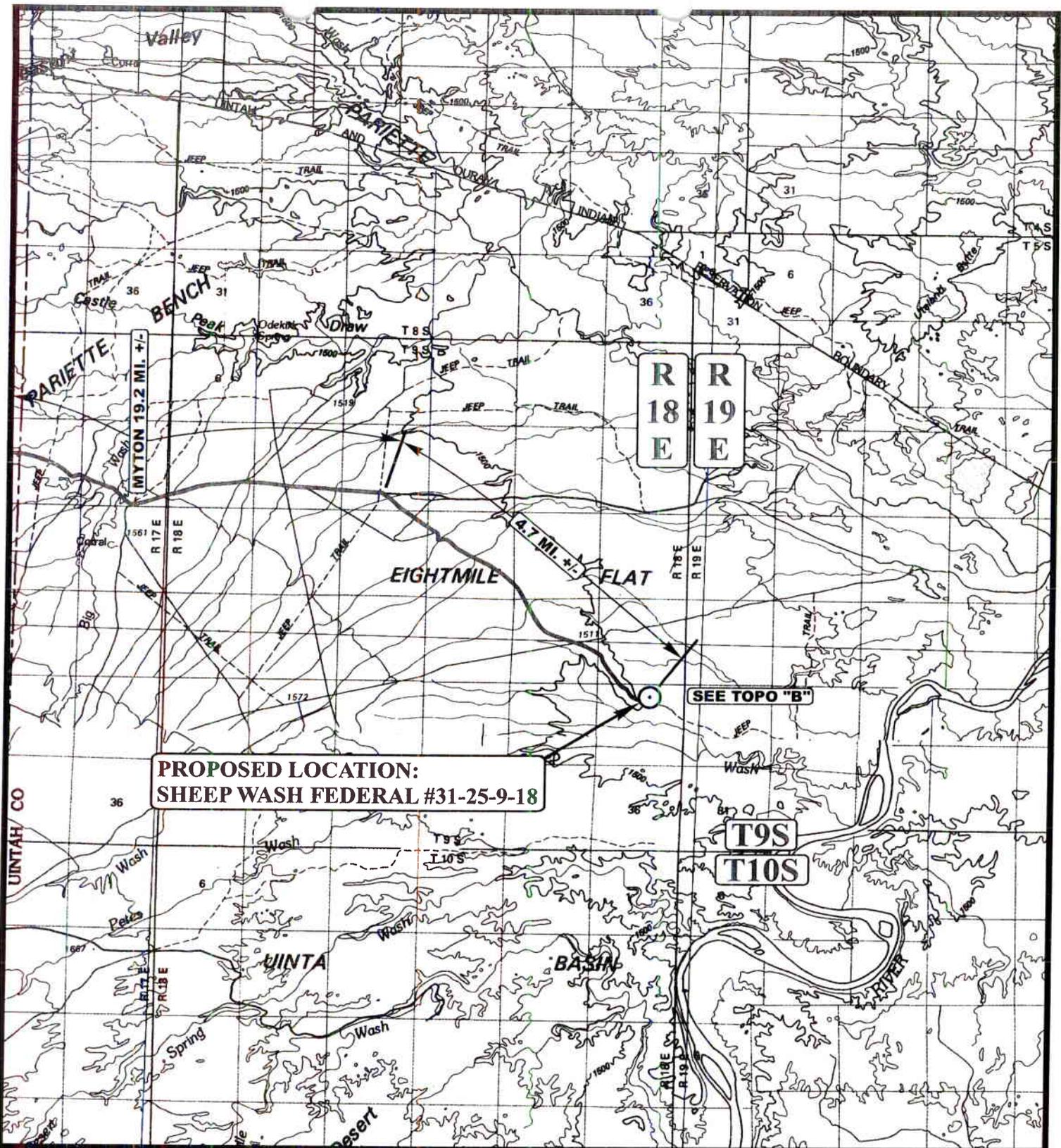
CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

<b>LOCATION PHOTOS</b>			<b>03</b>	<b>23</b>	<b>07</b>	<b>PHOTO</b>
			MONTH	DAY	YEAR	
TAKEN BY: J.W.		DRAWN BY: C.P.		REVISED: 00-00-00		



**LEGEND:**

○ PROPOSED LOCATION

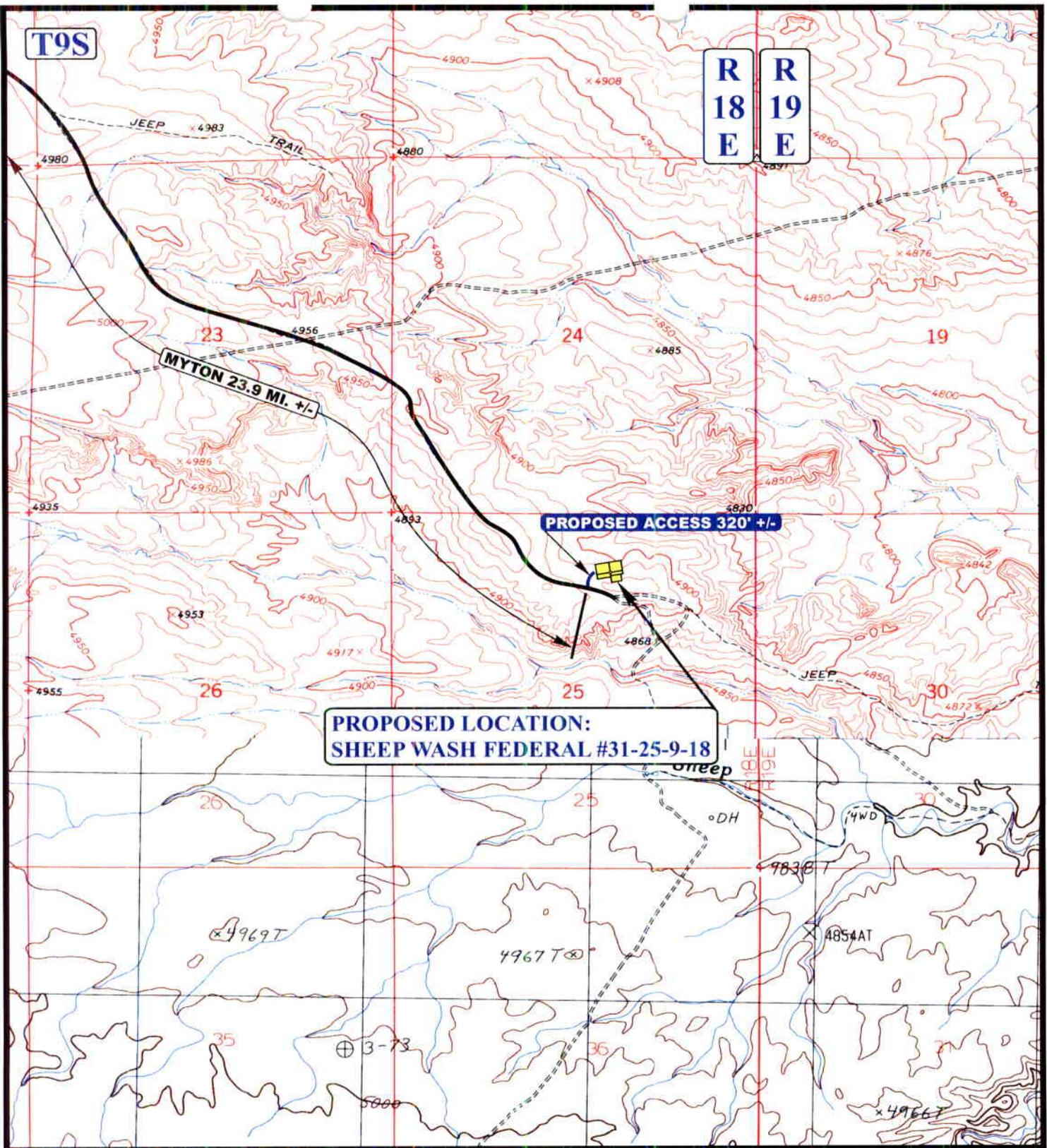
**GASCO PRODUCTION COMPANY**

**SHEEP WASH FEDERAL #31-25-9-18**  
**SECTION 25, T9S, R18E, S.L.B.&M.**  
**853' FNL 2132' FEL**



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

**TOPOGRAPHIC MAP** 03 23 07  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00 **A**  
 TOPO



**PROPOSED LOCATION:  
SHEEP WASH FEDERAL #31-25-9-18**

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

**GASCO PRODUCTION COMPANY**

**SHEEP WASH FEDERAL #31-25-9-18  
SECTION 25, T9S, R18E, S.L.B.&M.  
853' FNL 2132' FEL**



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



**TOPOGRAPHIC  
MAP**

<b>03</b>	<b>23</b>	<b>07</b>
MONTH	DAY	YEAR

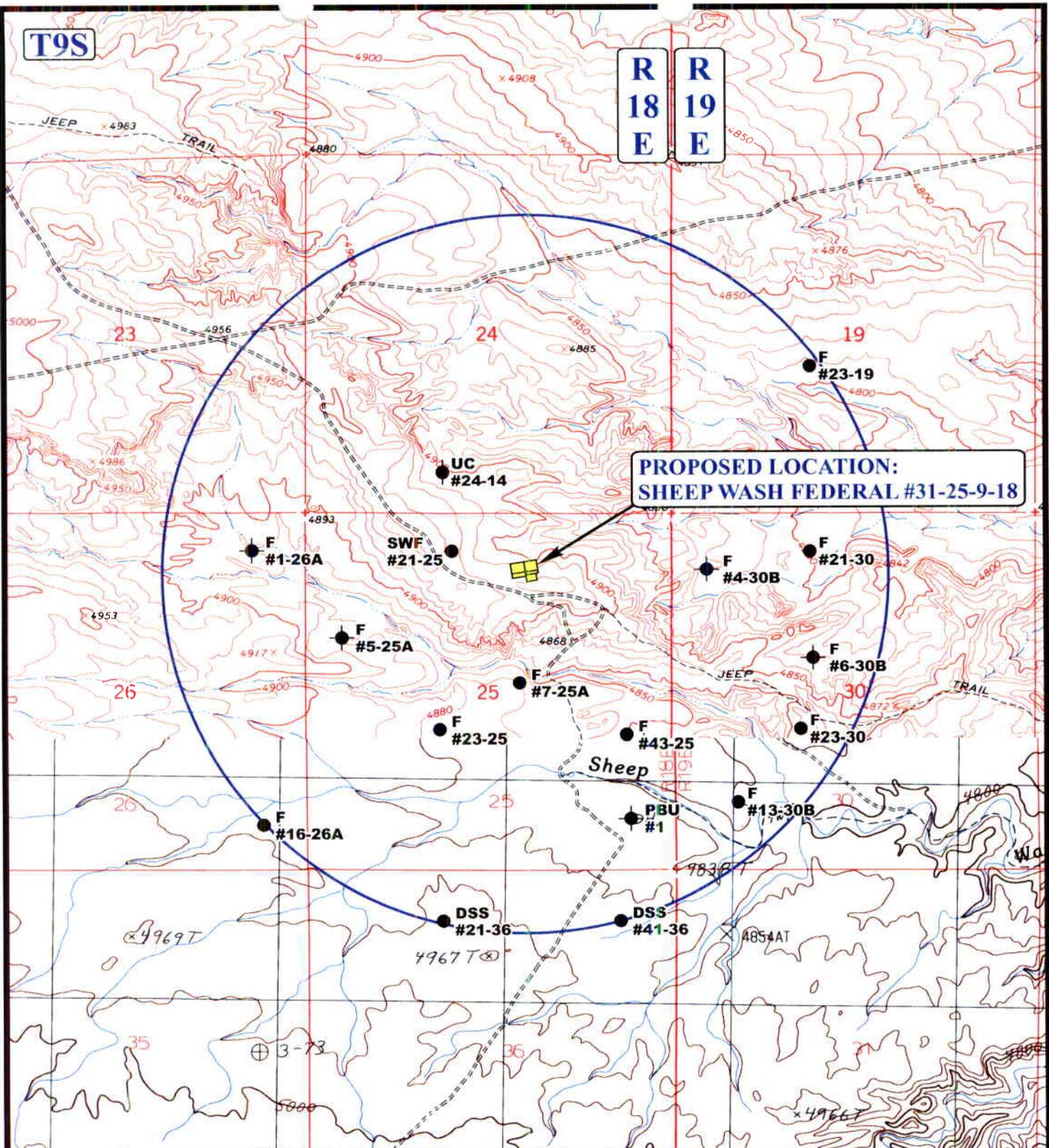
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T9S

R  
18  
E

R  
19  
E



**PROPOSED LOCATION:  
SHEEP WASH FEDERAL #31-25-9-18**

**LEGEND:**

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

**GASCO PRODUCTION COMPANY**

**SHEEP WASH FEDERAL #31-25-9-18  
SECTION 25, T9S, R18E, S.L.B.&M.  
853' FNL 2132' FEL**



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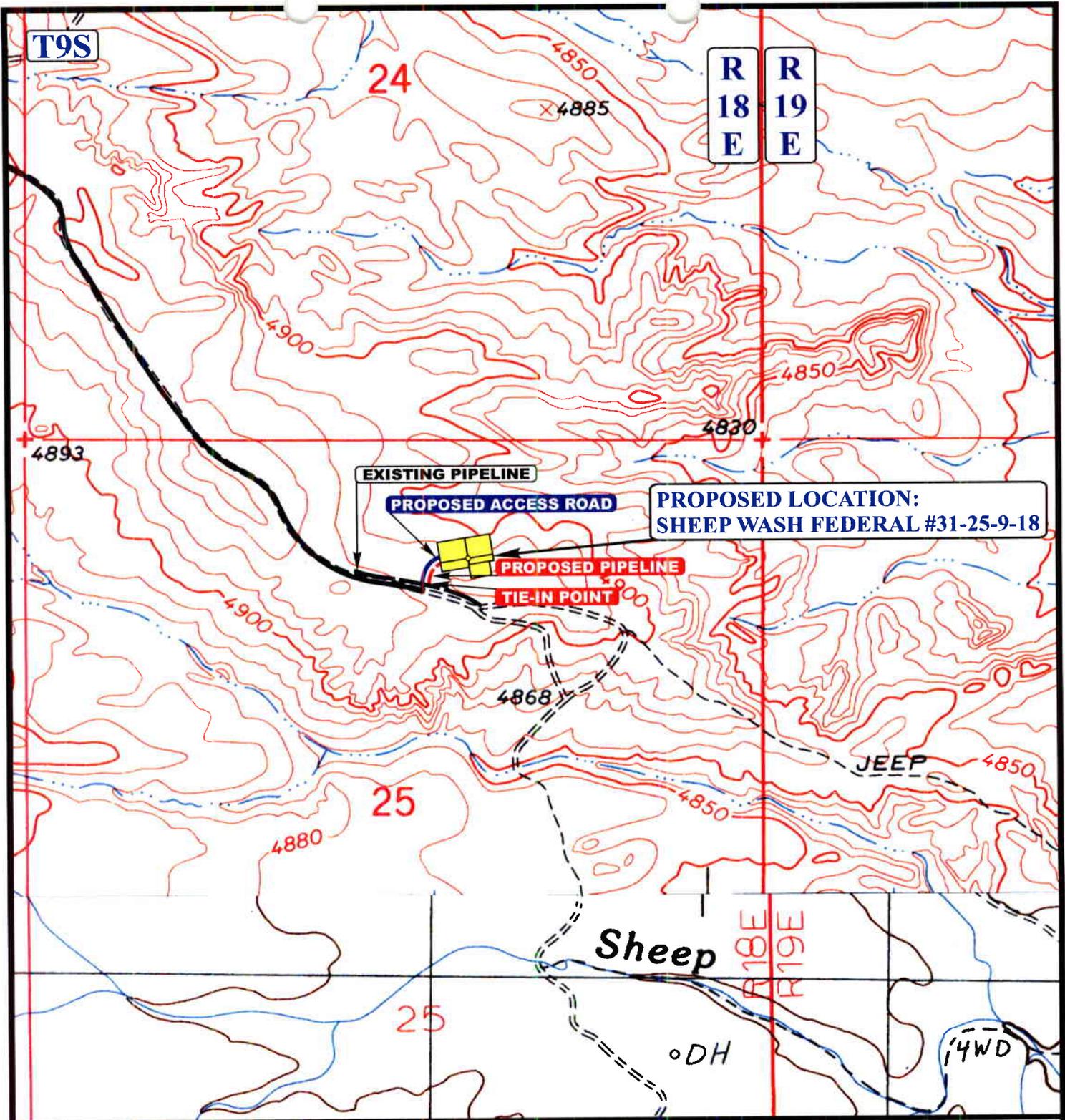


**TOPOGRAPHIC  
MAP**

**03 23 07**  
MONTH DAY YEAR

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





**APPROXIMATE TOTAL PIPELINE DISTANCE = 249' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**GASCO PRODUCTION COMPANY**

**SHEEP WASH FEDERAL #31-25-9-18  
SECTION 25, T9S, R18E, S.L.B.&M.  
853' FNL 2132' FEL**



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85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC MAP** 03 23 07  
MONTH DAY YEAR

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





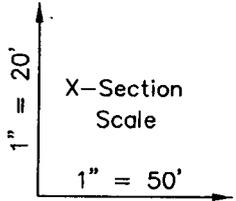
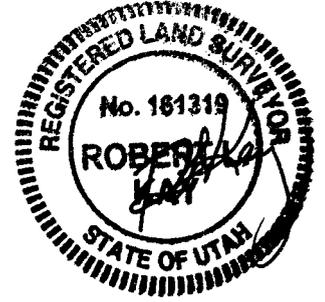
# GASCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

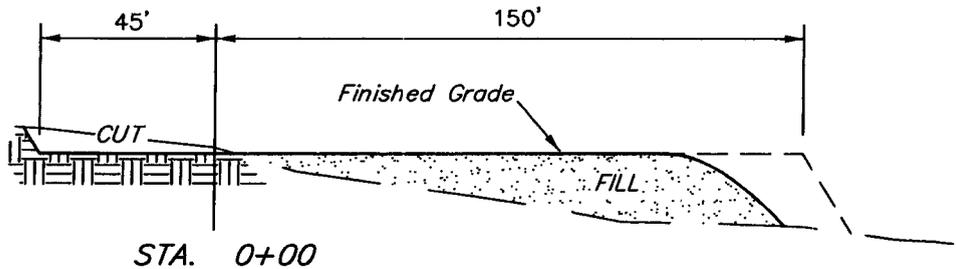
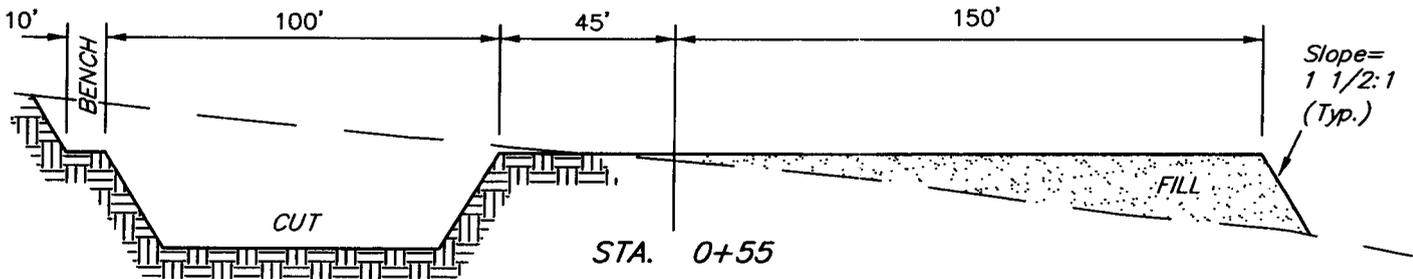
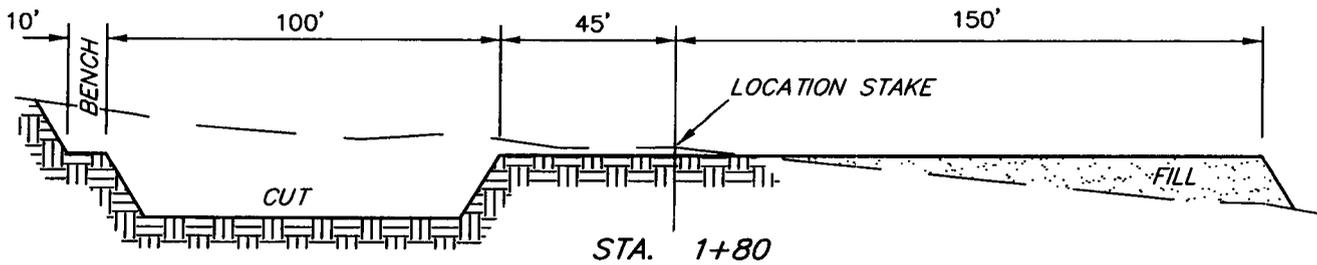
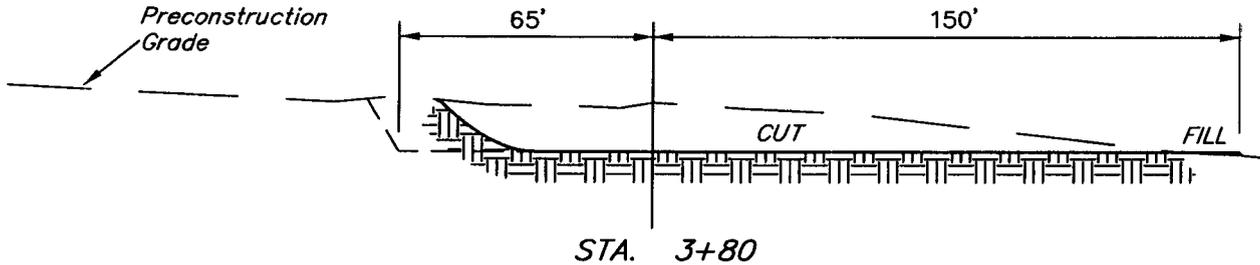
SHEEP WASH FEDERAL #31-25-9-18

SECTION 25, T9S, R18E, S.L.B.&M.

853' FNL 2132' FEL



DATE: 03-23-07  
Drawn By: L.K.



**NOTE:**

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

**\* NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 2,040 Cu. Yds.
Remaining Location	= 8,150 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,190 CU.YDS.</b>
<b>FILL</b>	<b>= 6,180 CU.YDS.</b>

EXCESS MATERIAL	= 4,010 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,010 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/24/2007

API NO. ASSIGNED: 43-047-39729

WELL NAME: SHEEP WASH FED 31-25-9-18  
 OPERATOR: GASCO PRODUCTION ( N2575 )  
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

NWNE 25 090S 180E  
 SURFACE: 0853 FNL 2132 FEL  
 BOTTOM: 0853 FNL 2132 FEL  
 COUNTY: UINTAH  
 LATITUDE: 40.00687 LONGITUDE: -109.8394  
 UTM SURF EASTINGS: 599059 NORTHINGS: 4428955  
 FIELD NAME: 8 MILE FLAT NORTH ( 590 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-009803  
 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

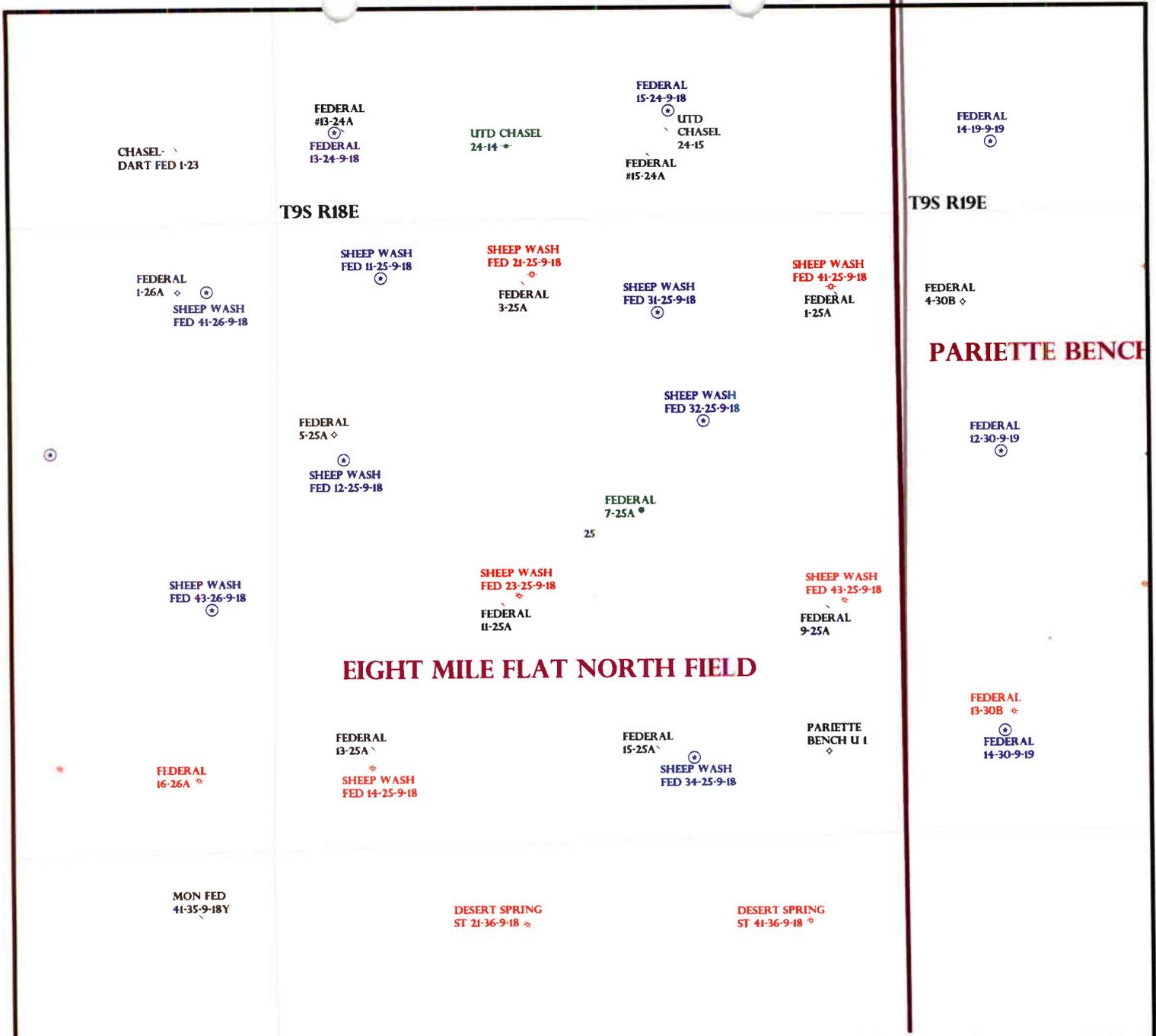
COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

1- Federal Approval  
2- Spacing Str



OPERATOR: GASCO PROD CO (N2575)

SEC: 25 T.9S R. 18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

**Wells Status**

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



PREPARED BY: DIANA MASON  
DATE: 26-OCTOBER-2007



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

October 31, 2007

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

Re: Sheep Wash Federal 31-25-9-18 Well, 853' FNL, 2132' FEL, NW NE, Sec. 25,  
T. 9 South, R. 18 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 43-047-39729.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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



**Operator:** Gasco Production Company  
**Well Name & Number** Sheep Wash Federal 31-25-9-18  
**API Number:** 43-047-39729  
**Lease:** UTU-009803

**Location:** NW NE                      **Sec.** 25                      **T.** 9 South                      **R.** 18 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

DEPT. OF THE INTERIOR  
BUREAU OF LAND MGMT.

Lease Serial No.

UTU-009803

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		6. If Indian, Allottee or Tribe Name N/A	
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		7. If Unit or CA Agreement, Name and No. N/A	
2. Name of Operator Gasco Production Company		8. Lease Name and Well No. Sheep Wash Federal #31-25-9-18	
3. Name of Agent Permitco Inc. - Agent		9. API Well No. 43 DA7139729	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface: 853' FNL and 2132' FEL At proposed prod. zone: NW NE		10. Field and Pool, or Exploratory Riverbend	
14. Distance in miles and direction from nearest town or post office* Approximately 23.96 miles southeast of Myton, UT		12. County or Parish Utah	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 853'	16. No. of Acres in lease 1400.01	17. Spacing Unit dedicated to this well 40 Acres; NW NE	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1100'	19. Proposed Depth 12,975'	20. BLM/BIA Bond No. on file Bond #UT-1233	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4906' GL	22. Approximate date work will start* ASAP	23. Estimated duration 35 Days	

24. Attachments

**CONFIDENTIAL-TIGHT HOLE**

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

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.  | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, 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) Venessa Langmacher	Date 7/12/2007
Title Authorized Agent for Gasco Production Company		
Approved by (Signature) <i>Jerry Kenaka</i>	Name (Printed/Typed) Jerry Kenaka	Date 11-5-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

**UDOGM**

**NOTICE OF APPROVAL**

**RECEIVED**

NOV 09 2007

DIV. OF OIL, GAS & MINING

NOS 2/20/07  
07 PP1431A



**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 Co.      **Location:** NWNE, Sec 25, T9S, R18E  
**Well No:** Sheep Wash Federal 31-25-9-18      **Lease No:** UTU-09803  
**API No:** 43-047-39729      **Agreement:** N/A

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

Fax: (435) 781-3420

**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)***

**General Surface COA**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Site Specifics COAs:**

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APD.

- 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 re-re-spreading 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:

<b>Type</b>		<b>lbs./acre</b>
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 re-spread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeded. The following seed mix shall be used, unless BLM personnel determine that conditions have changed and another mix would be more suitable:

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

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

## ***DOWNHOLE CONDITIONS OF APPROVAL***

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

- 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.
- 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\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

**OPERATING REQUIREMENT REMINDERS:**

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

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

**CONFIDENTIAL**

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-009803
2. NAME OF OPERATOR: Gasco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 853' FNL & 2132' FEL COUNTY: Uintah		8. WELL NAME and NUMBER: Sheep Wash Federal 31-25-9-18
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 25 9S 18E STATE: UTAH		9. API NUMBER: 4304739729
		10. FIELD AND POOL, OR WILDCAT: Riverbend

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: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Extend Permit</u>
	<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 would like to request a one year extension on this APD from the date it is due to expire (10/31/2008)

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: 10/30/08  
 By: [Signature]

COPY SENT TO OPERATOR  
 Date: 10/30/2008  
 Initials: KS

NAME (PLEASE PRINT) <u>Jessica Berg</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>[Signature]</u>	DATE <u>10/27/2008</u>

(This space for State use only)

RECEIVED  
 OCT 29 2008  
 DIV. OF OIL, GAS & MINING

RESET

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

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

**API:** 4304739729  
**Well Name:** Sheep Wash Federal 31-25-9-18  
**Location:** NW NE Section of 25-T9S-R18E  
**Company Permit Issued to:** Gasco Production Company  
**Date Original Permit Issued:** 10/31/2007

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

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

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

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

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

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

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

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

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

  
\_\_\_\_\_  
Signature

10/27/2008  
\_\_\_\_\_  
Date

Title: Production Clerk

Representing: Gasco Production Company

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OCT 29 2008

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-009803
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name N/A
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (include area code) 303-483-0044	7. If Unit or CA. Agreement Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 853' FNL & 2132' FEL NW NE of Sec 25-T9S-R18E		8. Well Name and No. Sheep Wash Federal 31-25-9-18
		9. API Well No. 43-047-39729
		10. Field and Pool, or Exploratory Area Wildcat
		11. County or Parish, State Uintah County, UT

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

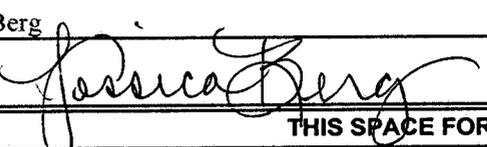
*This well was spud 12/3/2008 at 10:00 AM.*

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING

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

Name (Printed/ Typed) Jessica Berg	Title Production Clerk
Signature 	Date December 5, 2008

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

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

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

(Instructions on page 2)

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
4304739729	Sheep Wash Federal 31-25-9-18		NWNE	25	9S	18E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17241	12/3/2008		12/08/08		
Comments: Spud Well BLKHK = m v r d							<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

12/5/2008

Title

Date

(5/2000)

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R18E S-25  
43-049-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 12/29/2008		Days since spud: 5	
<b>WAITING ON CEMENT</b>									
Current: Operations:									
Depth: 3525'		Prog: 0'		D Hrs: 0.0		ROP		#DIV/0!	
DMC: \$2,087		TMC: \$5,947		TDC		\$110,394		CUM Cost \$486,589	
Formation: UINTAH									
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:	Size:	12 1/4	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	1/1	#2 F-1000 3.5 gpm	Type:	Z20	Int. Csg:	\$ -	Day Rate: MOVING	\$ 25,200	
Gel:		SPM:	MFG:	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 3,500	
WL:		GPM :	S/N:	U206	Float Equip:	\$ 3,550	Trucking:	\$ -	
Cake:		Press:	Jets:	3/22 1/20	Well Head:	\$ -	Water:	\$ 400	
Solids:	.5	AV DC:	Depth out:	3525	TBG/Rods:	\$ -	Fuel:	\$ -	
MBT:		AV DP:	Depth in:	145	Packers:	\$ -	Casing Crew:	\$ 12,330	
PH:	8.1	JetVel:	FTG:	3380	Tanks:	\$ -	Camp Exp:	\$ -	
Pf/Mf:	.00/1.45	ECD:	Hrs:	70.5	Separator:	\$ -	Cement:	\$ 46,927	
Chlor:	13500	SPR #1 :	FPH:	48.0	Heater:	\$ -	Bit: # 1	\$ 15,000	
Ca:	480	SPR #2 :	WOB:	46		\$ -	Mud Motors :	\$ -	
DAP/LCM	-	Btms. Up:	R-RPM:	40	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:		Total D.T.		M-RPM: 112		Misc: \$ -		Drilling Mud, and DP chem: \$ 2,087	
START	END	TIME	RM 36 / DR 1	Total Rot. Hrs: 70.5		Daily Total: \$ 3,550		Misc. / Labor: \$ -	
6:00	8:00	2.0	T.O.O.H.					shaker screens: \$ -	
8:00	9:30	1.5	L/D 3 - 8" D.C.'S, 2 - 12 1/8" IBS'S, TELEDRIFT, SHOCK SUB, MUD MOTOR & BIT					Welding: : \$ -	
9:30	10:00	0.5	SAFETY MEETING WITH CASERS						
10:00	12:00	2.0	RIG UP CASING CREW					Daily Total: \$ 106,844	
12:00	20:30	8.5	RUN SURFACE CASING; 31jts 8 5/8" J-55 32#, 1 - X-O, 59jts 9 5/8" P-110 47#					BHA	
20:30	21:30	1.0	LAND CASING - RIG UP CIRC. SWEDGE - BREAK CIRC. RIG DOWN CASERS			6 1/4" D.C.		15	463.56
21:30	22:00	0.5	CIRC. THROUGH CASING WHILE SPOTTING IN SCHLUMBERGER CEMENT TRUCKS						
22:00	22:30	0.5	SAFETY MEETING WITH CEMENTERS						
22:30	23:30	1.0	RIG UP CEMENTERS						
23:30	2:00	2.5	CEMENT WITH SCHLUMBERGER - LEAD 367bbbls 530sks 11ppg - TAIL 76bbbls 265sks 14.2ppg						
			DISP. WITH H2O - BUMPED PLUG WITH 223bbbls FROM TANKS - HAD GOOD RETURNS FOR FULL						
			CEMENT JOB - CHECK FLOATS - FLOATS HELD - GOT 130bbbls CEMENT BACK TO SURFACE						
2:00	3:00	1.0	WATCH CEMENT IN CONDUCTOR - FELL APROX 30' BELOW GROUND LEVEL - WILL TOP OUT						
			WITH SACK CEMENT - RIG DOWN CEMENTERS						
3:00	6:00	3.0	WAIT ON CEMENT - NIPPLE DOWN CONDUCTOR & FLOW LINE - PREP WELLHEAD - WILL						
			CUT OFF CASING @ 08:00HRS						
Total Hours		24							
			Depth	Feet To Go	Sunnyside	12245'	8720'		
			Wasatch	5420'	1895'	Kenilworth	12460'	8935'	
			Mesaverde	9250'	5725'	Aberdeen	12570'	9045'	
			Lower Measverd	10890'	7365'	Spring cany	12695'	9170'	
			Castlegate	11760'	8235'	Mancos	12820'	9295'	TOTAL BHA = 463.56
			Desert	12020'	8495'	MN-21	13180'	9655'	Survey 3,000 1

**RECEIVED**  
**DEC 29 2008**

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

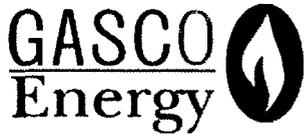
**CONFIDENTIAL**  
T09.5 R18E S25  
43-049-39929

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: <b>SWF 31-25-9-18</b>		Permit Depth: <b>13,410</b>		Prog Depth: <b>13,410</b>		Date: <b>12/30/2008</b>		Days since spud: <b>6</b>	
<b>Current: Operations: PRESSURE TESTING B.O.P.E.</b>									
Depth: <b>3525'</b>		Prog: <b>0'</b>		D Hrs: <b>0.0</b>		ROP		#DIV/0!	
DMC: <b>\$0</b>		TMC: <b>\$5,947</b>		TDC: <b>\$50,268</b>		Formation: <b>UINTAH</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:		Size:	12 1/4	Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	1/1	#2 F-1000 3.5 gpm		Type:	Z20	Int. Csg:	\$ -	Day Rate: MOVING	\$ 25,200
Gel:		SPM:		MFG:	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 3,500
WL:		GPM:		S/N:	U206	Float Equip:	\$ -	Trucking:	\$ 617
Cake:		Press:		Jets:	3/22 1/20	Well Head:	\$ 2,455	Water:	\$ 800
Solids:	.5	AV DC:		Depth out:	3525	TBG/Rods:	\$ -	Fuel:	\$ -
MBT:		AV DP:		Depth in:	145	Packers:	\$ -	Casing Crew:	\$ -
PH:	8.1	JetVel:		FTG:	3380	Tanks:	\$ -	Camp Exp:	\$ -
Pf/Mf:	.00/1.45	ECD:		Hrs:	70.5	Separator:	\$ -	Cement:	\$ -
Chlor:	13500	SPR #1:		FPH:	48.0	Heater:	\$ -	Bit: # 1	\$ -
Ca:	480	SPR #2:		WOB:	46		\$ -	Mud Motors:	\$ 14,695
DAP/ICM	-	Btms. Up: <b>28.6</b>		R-RPM:	40	Prime Mover:	\$ -	Consultant:	\$ 1,400
Time Break Down:			Total D.T.	M-RPM:	112	Misc:	\$ -	Drilling Mud, and DP chem: \$ -	
START	END	TIME	RM 36 / DR 1	Total Rot. Hrs:	70.5	Daily Total:	\$ 2,455	Misc. / Labor:	\$ 488
6:00	8:00	2.0	WAIT ON CEMENT					shaker screens:	\$ -
8:00	13:00	5.0	CUT OFF CONDUCTOR AND CASING - WELD ON WELLHEAD - PSI TEST WELLHEAD TO 1500ps					Welding:	\$ 1,113
13:00	0:00	11.0	NIPPLE UP B.O.P.E. & FUNCTION TEST						
0:00	6:00	6.0	TEST B.O.P.E. - 250psi LOW 5000psi HIGH = LWC, FLLOR & DART VALVE, UPPER & LOWER PIP					Daily Total:	\$ 47,813
			BLLIND RAMS, HCR, ALL MANUAL VALVES, CHOKE MANIFOLD; 250psi LOW 5000psi HIGH ANN	<b>BHA</b>					
			SURFACE CASING 1500psi - 30MIN	6 1/4" D.C.	15	463.56			
<b>RECEIVED</b>									
<b>DEC 30 2008</b>									
<b>DIV. OF OIL, GAS &amp; MINING</b>									
Total Hours		24							
	Depth	Feet To Go	Sunnyside	12245'	8720'				
	Wasatch	5420'	1895'	Kenilworth	12460'	8935'			
	Mesaverde	9250'	5725'	Aberdeen	12570'	9045'			
	Lower Measverd	10890'	7365'	Spring cany	12695'	9170'			
	Castlegate	11760'	8235'	Mancos	12820'	9295'	TOTAL BHA = 463.56		
	Desert	12020'	8495'	MN-21	13180'	9655'	Survey	3,000	1



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R18E5-25  
43-047-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: <b>SWF 31-25-9-18</b>		Permit Depth: <b>13,410</b>		Prog Depth: <b>13,410</b>		Date: <b>12/31/2008</b>		Days since spud: <b>7</b>				
<b>Current: Operations: DRLG AHEAD @ 4614'</b>												
Depth: <b>4614'</b>		Prog: <b>1089'</b>		D Hrs: <b>12.5</b>		ROP: <b>87.1</b>		Formation: <b>UINTAH</b>				
DMC: <b>\$1,820</b>		TMC: <b>\$7,767</b>		TDC: <b>\$32,320</b>		CUM Cost: <b>\$822,838</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	2	Conductor:	\$ -	Loc, Cost:	\$ -		
VIS:	27	SPM: 65		Size:	12 1/4	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -		
PV/YP:	1/1	#2 F-1000 3.5 gpm		Type:	Z20	MS1657	Int. Csg:	\$ -	Day Rate: MOVING	\$ 25,200		
Gel:		SPM: 65		MFG:	ULTERRA	UTLERRA	Prod Csg:	\$ -	Rental:	\$ 3,500		
WL:		GPM: 450		S/N:	U206	6370	Float Equip:	\$ -	Trucking:	\$ -		
Cake:		Press: 900		Jets:	3/22 1/20	7 x 15's	Well Head:	\$ -	Water:	\$ 400		
Solids:	.5	AV DC: 355		Depth out:	3525		TBG/Rods:	\$ -	Fuel:	\$ -		
MBT:		AV DP: 197		Depth in:	145	3525	Packers:	\$ -	Casing Crew:	\$ -		
PH:	7.5	JetVel: 112		FTG:	3380	1089	Tanks:	\$ -	Camp Exp:	\$ -		
Pf/Mf:	.00/2.40	ECD: 8.62		Hrs:	70.5	12.5	Separator:	\$ -	Cement:	\$ -		
Chlor:	14300	SPR #1:		FPH:	48.0	87.0	Heater:	\$ -	Bit: # 1	\$ -		
Ca:	268	SPR #2:		WOB:	46	20		\$ -	Mud Motors:	\$ -		
DAP/LCM	-	Btms. Up: 17.6		R-RPM:	40	60	Prime Mover:	\$ -	Consultant:	\$ 1,400		
Time Break Down:			Total D.T.	M-RPM:	112	70	Misc:	\$ -	Drilling Mud, and DP chem:	\$ 1,820		
START	END	TIME	RM 36 / DR 1	Total Rot. Hrs:	83.0		Daily Total:	\$ -	Misc. / Labor:	\$ -		
6:00	7:00	1.0	FINISH WITH CASING TEST - RIG DOWN TESTER							shaker screens:	\$ -	
7:00	11:00	4.0	NIPPLE UP FLOW LINE - CHANGE OUT FLOW LINE SENSORS - CHANGE SWIVEL PACKING							Welding:	\$ -	
11:00	15:30	4.5	P/U BIT, MOTOR, TELEDRIFT, IBS'S, & 3 6 1/4" D.C.'S - T.I.H. - TAG CEMENT @ 3460'									
15:30	17:00	1.5	DRILL CEMENT & FLOAT EQUIPMENT - DRILL 15' NEW HOLE							Daily Total:	\$ 32,320	
17:00	17:30	0.5	FIT - 550psi FOR 15 MIN = EQUIV. TO 11.5ppg MUD - HELD OK							<b>BHA</b>		
17:30	6:00	12.5	DRLG FR 3540' - 4614' @ 87'/HR - TELEDRIFT SURVEYS 2*							BIT	1	1.00
								.16 STAB MOTOR	1	35.49		
								TELEDRIFT	1	8.50		
								IBS	1	5.96		
								6 1/4" D.C.	1	31.05		
								IBS	1	4.58		
								6 1/4" D.C.	17	525.01		
<b>RECEIVED</b>												
<b>DEC 31 2008</b>												
<b>DIV. OF OIL, GAS &amp; MINING</b>												
Total Hours		24.0										
		Depth	Feet To Go	Sunnyside	12245'	7631'						
		Wasatch	5420' 806'	Kenilworth	12460'	7846'						
		Mesaverde	9250' 4636'	Aberdeen	12570'	7956'						
		Lower Measverd	10890' 6276'	Spring cany.	12695'	8081'						
		Castlegate	11760' 7146'	Mancos	12820'	8206'	TOTAL BHA =		611.59			
		Desert	12020' 7406'	MN-21	13180'	8566'	Survey	4,092	2			



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R18E S25  
43-04N-39W 29

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: <b>SWF 31-25-9-18</b>		Permit Depth: <b>13,410</b>		Prog Depth: <b>13,410</b>		Date: <b>1/5/2009</b>		Days since spud: <b>12</b>			
<b>Current: Operations: DRLG AHEAD @ 9704'</b>											
Depth: <b>9704'</b>		Prog: <b>349'</b>		D Hrs: <b>11.0</b>		ROP: <b>31.7</b>		Formation: <b>MESAVERDE</b>			
DMC: <b>\$9,282</b>		TMC: <b>\$45,321</b>		TDC: <b>\$41,557</b>		CUM Cost <b>\$1,037,451</b>					
Contractor: <b>NABORS 99</b>			Mud Co: <b>MI DRLG FLUIDS</b>			TANGIBLE COST		INTANGIBLE COST			
MW:	9.1	#1 F-1000 3.5 gpm		Bit #:	3	4	Conductor:	\$ -	Loc, Cost:	\$ -	
VIS:	41	SPM: 55		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	17/10	#2 F-1000 3.5 gpm		Type:	MI616	MS 1666D	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	2/3	SPM: 55		MFG:	SMITH	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 3,500	
WL:	7.6	GPM: 384		S/N:	JY5876	5339	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	1	Press: 1150		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$ 800	
Solids:	6	AV DC: 320		Depth out:	9370		TBG/Rods:	\$ -	Fuel:	\$ -	
MBT:	10	AV DP: 194		Depth in:	8611	9370	Packers:	\$ -	Casing Crew:	\$ -	
PH:	8	JetVel: 103		FTG:	759	334	Tanks:	\$ -	Camp Exp:	\$ 615	
Pf/Mf:	.00/3.25	ECD: 9.35		Hrs:	29.5	9.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	13700	SPR #1:		FPH:	25.7	35.1	Heater:	\$ -	Bit: # 1	\$ -	
Ca:	40	SPR #2:		WOB:	28-30	22		\$ -	Mud Motors:	\$ -	
DAP/LCM	4.7	Btms. Up: 49		R-RPM:	45-60	45-50	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:			Total D.T.		M-RPM:		Misc:		Drilling Mud, and DP chem:		
START	END	TIME	<b>RM 36 / DR 1</b>		Total Rot. Hrs:		Daily Total:		Misc. / Labor:		
6:00	7:30	1.5			176.5		\$ -		shaker screens: \$ -		
7:30	8:00	0.5							Welding: \$ -		
8:00	13:00	5.0							Daily Total: \$ 41,557		
13:00	13:30	0.5							<b>BHA</b>		
13:30	19:30	6.0									
19:30	20:30	1.0							BIT	1	1.00
20:30	6:00	9.5							.16 STAB MOTOR	1	35.50
									TELEDRIFT	1	UYG
									IBS	1	5.96
									6 1/4" D.C.	1	31.05
									IBS	1	4.58
									6 1/4" D.C.	17	525.01
<b>RECEIVED</b>											
<b>JAN 05 2009</b>											
DIV. OF OIL, GAS & MINING											
Total Hours		24.0									
			Depth	Feet To Go	Sunnyside	12245'	2541'				
			Wasatch	5420'	-4284'	Kenilworth	12460'	2756'			
			Mesaverde	9250'	-454'	Aberdeen	12570'	2866'			
			Lower Measverd	10890'	1186'	Spring cany	12695'	2991'			
			Castlegate	11760'	2056'	Mancos	12820'	3116'	TOTAL BHA = 603.10		
			Desert	12020'	2316'	MN-21	13180'	3476'	Survey	9,350	3.25





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

**CONFIDENTIAL**  
T09S R18E S25  
43-049-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/7/2009		Days since spud: 14	
Current Operations:					<b>T.I.H. WITH BIT #5</b>				
Depth: 11044'		Prog: 334'		D Hrs: 10.0		ROP: 33.4		Formation: LOWER MESAVERDE	
DMC: \$6,967		TMC: \$57,743		TDC: \$188,252		CUM Cost: \$1,262,058			
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST	
MW:	9.8	#1 F-1000 3.5 gpm	Bit #:	4	5	Conductor:	\$ -	Loc. Cost:	\$ -
VIS:	40	SPM: 55	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ 106,790
PV/YP:	18/10	#2 F-1000 3.5 gpm	Type:	MS 1666D	DP506ZX	Int. Csg:	\$ -	Day Rate:	\$ 25,200
Gel:	2/5	SPM: 55	MFG:	ULTERRA	HUGHES	Prod Csg:	\$ -	Rental:	\$ 3,500
WL:	8	GPM: 384	S/N:	5339	7118009	Float Equip:	\$ -	Trucking:	\$ -
Cake:	1	Press: 1660	Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$ 2,350
Solids:	8	AV DC: 322	Depth out:	11044		TBG/Rods:	\$ -	Fuel:	\$ 14,880
MBT:	12.5	AV DP: 196	Depth in:	9370	11044	Packers:	\$ -	Casing Crew:	\$ -
PH:	8.1	JetVel: 105	FTG:	1674		Tanks:	\$ -	Camp Exp:	\$ -
Pf/Mf:	.00/3.20	ECD: 9.95	Hrs:	42.0		Separator:	\$ -	Cement:	\$ -
Chlor:	12500	SPR #1:	FPH:	39.9		Heater:	\$ -	Bit: # 2	\$ 10,500
Ca:	40	SPR #2:	WOB:	30			\$ -	Mud Motors:	\$ 8,950
DAP/LCM	4.9	Btms. Up: 56	R-RPM:	15-55		Prime Mover:	\$ -	Consultant:	\$ 2,800
Time Break Down:			Total D.T.	M-RPM: 61		Misc:	\$ -	Drilling Mud, and DP chem:	\$ 6,967
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:	209.0	Daily Total:	\$ -	Misc. / Labor:	\$ 2,415
6:00	13:30	7.5	DRLG FR 10710' - 11007' @ 39.6'/HR					shaker screens:	\$ 3,900
13:30	14:00	0.5	RIG SERVICE - SERVICE TOP DRIVE					Welding:	\$ -
14:00	16:30	2.5	DRLG FR 11007' - 11044' @ 14.8'/HR - LAST 8' ROP DOWN TO 7'-10'/hr					Daily Total:	\$ 188,252
16:30	17:00	0.5	PUMP PILL - DROP SURVEY - BLOW DOWN KELLY HOSE					<b>BHA</b>	
17:00	22:30	5.5	T.O.O.H. FOR BIT & CHANGE BHA - PIPE COUNT MATCHED THAT OF THE PIPE TALLY					BIT	1 1.00
22:30	23:30	1.0	L/D IBS'S, TELEDRIFT, MOTOR & BIT - PIPE SKATE NOT WORKING					BIT SUB	1 3.30
23:30	0:30	1.0	PULL WEAR BUSHING & CHECK FOR WEAR - LITTLE WEAR - INSTALL NEW WEAR BUSHING					6 1/4" D.C.	18 556.06
0:30	6:00	5.5	MAKE UP NEW BIT & BIT SUB P/U TELEDRIFT - T.I.H. - FILL PIPE @ 4000'						
<b>RECEIVED</b>									
<b>JAN 08 2009</b>									
DIV. OF OIL, GAS & MINING									
Total Hours		24.0							
		Depth	Feet To Go	Sunnyside	12245'	1201'			
		Wasatch	5420'	-5624'	Kenilworth	12460'	1416'		
		Mesaverde	9250'	-1794'	Aberdeen	12570'	1526'		
		Lower Measverd	10890'	-154'	Spring cany	12695'	1651'		
		Castlegate	11760'	716'	Mancos	12820'	1776'	TOTAL BHA =	560.36
		Desert	12020'	976'	MN-21	13180'	2136'	Survey	11,004 4



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

**CONFIDENTIAL**  
T09S R18E S25  
43-047-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/8/2009		Days since spud: 15			
Current Operations: <b>DRILLING AHEAD</b>											
Depth: 11525'		Prog: 481'		D Hrs: 20.0		ROP: 24.1		Formation: <b>LOWER MESAVERDE</b>			
DMC: \$5,757		TMC: \$63,500		TDC: \$62,057		CUM Cost: \$1,324,115					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	9.8	#1 F-1000 3.5 gpm		Bit #:	4	5	Conductor:	\$ -	Loc. Cost:	\$ -	
VIS:	43	SPM: 110		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ 4,200	
PV/YP:	14/14	#2 F-1000 3.5 gpm		Type:	MS 1666D	DP506ZX	Int. Csg:	\$ -	Day Rate:	\$ 25,200	
Gel:	3/7	SPM: 0		MFG:	ULTERRA	HUGHES	Prod Csg:	\$ -	Rental:	\$ 4,000	
WL:	8	GPM:	384	S/N:	5339	7118009	Float Equip:	\$ -	Trucking:	\$ -	
Cake:	1	Press:	1175	Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$800	
Solids:	8	AV DC:	384	Depth out:	11044	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$18,750	
MBT:	12.5	AV DP:	233.5	Depth in:	9370	11044	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.8	JetVel:	142	FTG:	1674	481	Tanks:	\$ -	Camp Exp:	\$ -	
PF/Mf:	.00/4.50	ECD:	10.15	Hrs:	42.0	20.0	Separator:	\$ -	Cement:	\$ -	
Chlor:	13000	SPR #1:		FPH:	39.9	24.0	Heater:	\$ -	Bit: # 2	\$	
Ca:	40	SPR #2:		WOB:	30	20/28		\$ -	Mud Motors:	\$	
DAP/LCM	4.25/0	Btms. Up:	49	R-RPM:	15-55	60/65	Prime Mover:	\$ -	Consultant:	\$ 2,800	
Time Break Down:			Total D.T.	M-RPM:	61	NA	Misc:	\$ -	Drilling Mud, and DP chem: \$5,757		
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:	209.0		Daily Total:	\$ -	Misc. / Labor: \$		
6:00	8:30	2.5	CONTINUE RIH 22 STDS PER/HR				shaker screens:		\$ 550		
8:30	9:30	1.0	BREAK CIRC. & REAM & WASH F/10960' TO BOTTOM @ 11044' (BREAK IN BIT)				Welding:		\$ -		
9:30	17:30	8.0	DRILL F/11044' TO 11250' ROP = 25.75 (NOTE: 15 MIN. PUMP UP WT. INDICATOR)				Daily Total:		\$ 62,057		
17:30	18:00	0.5	SERVICE RIG & TOP DRIVE								
18:00	6:00	12.0	DRILL F/11250' TO 11525' ROP = 23'								
<b>RECEIVED</b>											
<b>JAN 08 2009</b>											
<b>DIV. OF OIL, GAS &amp; MINING</b>											
Total Hours		24.0									
		Depth	Feet To Go	Sunnyside	12245'	720'					
		Wasatch	5420'	-6105'	Kenilworth	12460'	935'				
		Mesaverde	9250'	-2275'	Aberdeen	12570'	1045'				
		Lower Measverd	10890'	-635'	Spring cany.	12695'	1170'				
		Castlegate	11760'	235'	Mancos	12820'	1295'	TOTAL BHA =		560.36	
		Desert	12020'	495'	MN-21	13180'	1655'	Survey	11,004	4	



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
TOGS R18E S-25  
43-047-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/9/2009		Days since spud: 16	
Current: Operations:					<b>DRILLING AHEAD</b>				
Depth: 11666'		Prog: 141'		D Hrs: 7.0		ROP: 20.1		Formation: LOWER MESAVERDE	
DMC: \$7,480		TMC: \$70,980		TDC: \$52,880		CUM Cost \$1,376,995			
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST		
MW:	10.1	#1 F-1000 3.5 gpm	Bit #:	5	6	Conductor:	\$ -	Loc. Cost:	\$ -
VIS:	41	SPM: 110	Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	15/13	#2 F-1000 3.5 gpm	Type:	DP506ZX	H506ZX+	Int. Csg:	\$ -	Day Rate:	\$ 25,200
Gel:	4/9	SPM: 0	MFG:	HTC	HUGHES	Prod Csg:	\$ -	Rental:	\$ 4,000
WL:	8.8	GPM: 384	S/N:	7118009	7117833	Float Equip:	\$ -	Trucking:	\$ -
Cake:	1	Press: 1175	Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$800
Solids/L.G.	10/5.6	AV DC: 384	Depth out:	11566	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$ -
MBT:	12.5	AV DP: 233.5	Depth in:	11044	11566	Packers:	\$ -	Casing Crew:	\$ -
PH:	7.7	JetVel: 142	FTG:	522	100	Tanks:	\$ -	Camp Exp:	\$ -
Pf/Mf:	.00/4.70	ECD: 10.15	Hrs:	24.0	3.0	Separator:	\$ -	Cement:	\$ -
Chlor:	12000	SPR #1:	FPH:	21.8	33.0	Heater:	\$ -	Bit: # 5	\$ 14,000
Ca:	40	SPR #2:	WOB:	26/32	20/24		\$ -	Mud Motors:	\$ -
DAP/LCM	4.25/0	Btms. Up: 50	R-RPM:	55/68	60	Prime Mover:	\$ -	Consultant:	\$ 1,400
Time Break Down:			Total D.T.		M-RPM:	NA	NA	Misc:	\$ -
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:	236.0	Daily Total:	\$ -	Drilling Mud, and DP chem:	\$7,480
6:00	10:00	4.0	DRILL F/11525' TO 11566' ROP = 10.25				shaker screens:	\$ -	
10:00	11:00	1.0	SLUG D.P. & DROP SURVEY TOOL				Welding:	\$ -	
11:00	18:00	7.0	POOH L/D TELEDRIFT TOOL & CHECK FLOAT REPLACE SAME						
18:00	20:00	2.0	M/U BIT # 6 & RIH TO SHOE BREAK CIRC. & FUNCTION TEST BOP OK				Daily Total:	\$ 52,880	
20:00	21:00	1.0	SLIP & CUT DRILLING LINE				BHA		
21:00	21:30	0.5	RIG SERVICE				BIT	1	1.00
21:30	2:00	4.5	CONTINUE RIH BREAK CIRC. @ 8,000' & CONTINUE RIH TO 11480'				BIT SUB	1	3.30
2:00	3:00	1.0	WASH & REAM F/11480' TO BOTTOM @ 11566' (NO TIGHT HOLE OR FILL)				6 1/4" D.C.	18	556.06
3:00	6:00	3.0	BREAK IN BIT & DRILL F/11566' TO 11666' ROP = 33'						
<b>RECEIVED</b>									
<b>JAN 09 2009</b>									
DIV. OF OIL, GAS & MINING									
Total Hours		24.0							
		Depth	Feet To Go	Sunnyside	12245'	579'			
		Wasatch	5420' -6246'	Kenilworth	12460'	794'			
		Mesaverde	9250' -2416'	Aberdeen	12570'	904'			
		Lower Measverd	10890' -776'	Spring cany	12695'	1029'			
		Castlegate	11760' 94'	Mancos	12820'	1154'			
		Desert	12020' 354'	MN-21	13180'	1514'			
TOTAL BHA =							560.36		
Survey							11,044	4.5	



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T 09S R 18E S-25  
43-042-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/12/2009		Days since spud: 19			
<b>Current: Operations: POOH FOR BIT</b>											
Depth: 12344'		Prog: 233'		D Hrs: 20.0		ROP: 11.7		Formation: <b>SUNNYSIDE</b>			
DMC: \$5,100		TMC: \$85,700		TDC: \$57,600		CUM Cost: \$1,503,715					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	10.3	#1 F-1000 3.5 gpm		Bit #:	6	7	Conductor:	\$ -	Loc. Cost:	\$ -	
VIS:	41	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$ -	
PV/YP:	13/13	#2 F-1000 3.5 gpm		Type:	H506ZX+	MS1666	Int. Csg:	\$ -	Day Rate:	\$ 24,000	
Gel:	4/10	SPM: 110		MFG:	HTC	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 4,000	
WL:	10.4	GPM: 384		S/N:	7117833	5337	Float Equip:	\$ -	Trucking:	\$ 600	
Cake:	2	Press: 1225		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$800	
Solids/L.G.	11/5.9	AV DC: 325		Depth out:	11918	12344	TBG/Rods:	\$ -	Fuel:	\$ -	
MBT:	12.5	AV DP: 197.7		Depth in:	11566	11918	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.7	JetVel: 105		FTG:	352	426	Tanks:	\$ -	Camp Exp:	\$ -	
Pf/Mf:	.00/4.40	ECD: 10.59		Hrs:	18.5	35.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	10000	SPR #1:		FPH:	19.0	12.0	Heater:	\$ -	Bit: # 7	\$ 14,000	
Ca:	40	SPR #2:		WOB:	20/28	22/32		\$ -	Mud Motors:	\$ -	
DAP/LCM	4.25/0	Btms. Up: 61		R-RPM:	58/65	55/65	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:			Total D.T.		M-RPM:	NA	NA	Misc:	\$ -	Drilling Mud, and DP chem: \$5,100	
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:		289.0		Daily Total:	\$ -	Misc. / Labor: \$ 7,700	
6:00	11:30	5.5	DRILL F/12111' TO 12196' ROP = 15.45'								
11:30	12:00	0.5	RIG SERVICE								
12:00	18:00	6.0	DRILL F/12196' TO 12252' ROP = 9.33'								
18:00	18:30	0.5	SERVICE TOP DRIVE								
18:30	4:00	9.5	DRILL F/12252' TO 12344' ROP = 9.7'								
4:00	6:00	2.0	SLUG D.P. & DROP SURVEY TOOL & POOH FOR BIT								
			RAISE MUD WT. TO 10.5 PPG				BIT		1	1.00	
							BIT SUB		1	3.30	
							6 1/4" D.C.		18	556.06	
<b>RECEIVED</b>											
<b>JAN 12 2009</b>											
<b>DIV. OF OIL, GAS &amp; MINING</b>											
Total Hours		24.0									
		Depth		Feet To Go		Sunnyside		12245'		-99'	
		Wasatch		5420'		-6924'		Kenilworth		12460'	
		Mesaverde		9250'		-3094'		Aberdeen		12570'	
		Lower Measverd		10890'		-1454'		Spring cany.		12695'	
		Castlegate		11760'		-584'		Mancos		12820'	
		Desert		12020'		-324'		MN-21		13180'	
								TOTAL BHA =		560.36	
								Survey		11,566'	
										4.5	



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R18E S25  
43-049-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/13/2009		Days since spud: 20				
<b>ESTABLISH RETURNS @ 6000'</b>												
Depth: 12382'		Prog: 38'		D Hrs: 2.0		ROP: 19.0		Formation: <b>SUNNYSIDE</b>				
DMC: \$5,300		TMC: \$85,700		TDC: \$93,500		CUM Cost: \$1,597,215						
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST				
MW:	10.5	#1 F-1000 3.5 gpm		Bit #:	7	8	Conductor:	\$ -	Loc, Cost:	\$ 58,000		
VIS:	42	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$		
PV/YP:	15/14	#2 F-1000 3.5 gpm		Type:	MS1666	MS1666	Int. Csg:	\$ -	Day Rate:	\$ 24,000		
Gel:	6/11	SPM: 110		MFG:	ULTERRA	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 4,000		
WL:	12	GPM: 384		S/N:	5337	5897	Float Equip:	\$ -	Trucking:	\$		
Cake:	2	Press: 1225		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$800		
Solids/L.G.	12/6.6	AV DC: 325		Depth out:	12344	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$		
MBT:	12.5	AV DP: 197.7		Depth in:	11918	12344	Packers:	\$ -	Casing Crew:	\$ -		
PH:	7.8	JetVel: 105		FTG:	426	38	Tanks:	\$ -	Camp Exp:	\$ -		
Pf/Mf:	.00/4.40	ECD: 10.59		Hrs:	35.5	2.0	Separator:	\$ -	Cement:	\$ -		
Chlor:	9000	SPR #1:		FPH:	12.0	19.0	Heater:	\$ -	Bit: # 7	\$		
Ca:	40	SPR #2:		WOB:	22/32	26/32		\$ -	Mud Motors:	\$		
DAP/LCM	4.25/0	Btms. Up: 61		R-RPM:	58/65	58/63	Prime Mover:	\$ -	Consultant:	\$ 1,400		
Time Break Down:			Total D.T.		M-RPM:	NA	NA	Misc:	\$ -	Drilling Mud, and DP chem: \$5,300		
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:		291.0	Daily Total:	\$ -	Misc. / Labor:	\$		
6:00	10:30	4.5	CONT. POOH FOR BIT							shaker screens:	\$	
10:30	15:00	4.5	M/U NEW BIT # 8 CHECK FLOAT REPLACE SPRING RIH BREAK CIRC. @ 3400' & RIH TO 7100' AND CIRC.							Welding:	\$ -	
15:00	16:30	1.5	INSTALL ROTATING HEAD RUBBER & CIRC. OUT GAS							Daily Total:	\$ 93,500	
16:30	18:00	1.5	CONT. RIH TO F/7100' TO 9845' BREAK CIRC. OK CONT. RIH TO 10694' STOP DUE TO IN CORRE							<b>BHA</b>		
			DISPLACEMENT GAINED 25 BBLS TO MUCH.							BIT	1	1.00
18:00	20:00	2.0	TOP DRIVE UP & CIRC. OUT GAS @ 10694'. 25' TO 45' FLARE GAINED 65 BBLS TO MUD PITS & HAD TO DUMP 60 BBLS. MUD WT. 10.5 PPG 41 VIS OUT & 10.7 PPG IN							BIT SUB	1	3.30
										6 1/4" D.C.	18	556.06
20:00	21:00	1.0	RIH F/10694' TO 12195' OK									
21:00	22:00	1.0	WASH & REAM F/12195' TO 12344' 100 STKS FROM BOTTOMS UP TOOK A 114 WATER INFLUX									
			DUMP SAME TAG BOTTOM									
22:00	0:00	2.0	BREAK IN BIT & DRILL F/12344' TO 12382' ROP = 19' (LOST TOTAL RETURNS)									
0:00	1:00	1.0	ATTEMPT TO RE-GAIN RETURNS NO SUCCESS (LOST A TOTAL OF 100 BBLS)									
1:00	5:00	4.0	POOH TO 6000' TO EST. RETURNS. WHILE POOH WORK ON BUILDING VOLUME.									
5:00	6:00	1.0	ATTEMPT TO RE-GAIN RETURNS AFTER PUMPING 45 BBLS HAVE FULL RETURNS @ 50 STKS									
			150PSI INCREASE IN 5 STK INCREMENTS TO 90 STKS. Then stage in hole 10 stands at a time.									
Total Hours		24.0										
			Depth	Feet To Go	Sunnyside	12245'	-137'					
			Wasatch	5420'	-6962'	Kenilworth	12460'	78'				
			Mesaverde	9250'	-3132'	Aberdeen	12570'	188'				
			Lower Measverd	10890'	-1492'	Spring cany.	12695'	313'				
			Castlegate	11760'	-622'	Mancos	12820'	438'	TOTAL BHA = 560.36			
			Desert	12020'	-362'	MN-21	13180'	798'	Survey	11,918	Miss Run	

**RECEIVED**

JAN 13 2009

DIV. OF OIL, GAS & MINING



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

**CONFIDENTIAL**

T09S R18E S-25  
43-047-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/14/2009		Days since spud: 21			
Current: Operations: <b>DRILLING</b>											
Depth: 12525'		Prog: 143'		D Hrs: 8.5		ROP: 16.8		Formation: <b>KENILWORTH</b>			
DMC: \$15,900		TMC: \$106,900		TDC: \$58,100		CUM Cost: \$1,655,315					
Contractor: NABORS 99			Mud Co: MI DRLG FLUIDS			TANGIBLE COST		INTANGIBLE COST			
MW:	10.8	#1 F-1000 3.5 gpm		Bit #:	7	8	Conductor:	\$ -	Loc, Cost:	\$	
VIS:	41	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	15/14	#2 F-1000 3.5 gpm		Type:	MS1666	MS1666	Int. Csg:	\$ -	Day Rate:	\$ 24,000	
Gel:	6/12	SPM: 110		MFG:	ULTERRA	ULTERRA	Prod Csg:	\$ -	Rental:	\$ 4,000	
WL:	12.4	GPM: 384		S/N:	5337	5897	Float Equip:	\$ -	Trucking:	\$	
Cake:	2	Press: 1225		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$800	
Solids/L.G.	13/6.6	AV DC: 298		Depth out:	12344	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$	
MBT:	12.5	AV DP: 227		Depth in:	11918	12344	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.6	JetVel: 95		FTG:	426	181	Tanks:	\$ -	Camp Exp:	\$ -	
Pf/Mf:	.00/3.20	ECD: 11.09		Hrs:	35.5	10.5	Separator:	\$ -	Cement:	\$ -	
Chlor:	7500	SPR #1:		FPH:	12.0	17.3	Heater:	\$ -	Bit: # 8	\$ 12,000	
Ca:	40	SPR #2:		WOB:	22/32	26/32		\$ -	Mud Motors:	\$	
DAP/LCM	3.85/5%	Btms. Up: 70		R-RPM:	58/65	58/63	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:			Total D.T.	M-RPM:	NA	NA	Misc:	\$ -	Drilling Mud, and DP chem: \$15,900		
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:	299.5		Daily Total:	\$ -	Misc. / Labor:	\$	
6:00	16:00	10.0	STAGE IN HOLE 11 STANDS AT A TIME F/6,044' TO 11,200' & BREAK CIRC. NO LOSSES				shaker screens: \$				
16:00	16:30	0.5	STARTED RUNNING IIN HOLE WITH 10 STANDS ON STD 6 HOLE STARTED DISPLACING TO				Welding: \$ -				
			MUCH MUD WELL FLOWING GAINED 70 BBLs								
16:30	18:30	2.0	CIRC. OUT GAS & WELL TOOK BACK 58 BBLs. FLARE 28' TO 38'				Daily Total: \$ 58,100				
18:30	19:00	0.5	RIH TO 12196' OK				BHA				
19:00	20:30	1.5	REAM & WASH SLOW TO BOTTOM				BIT	1	1.00		
20:30	0:00	3.5	DRILL F/12382' TO 12,447' STARTED LOSING MUD				BIT SUB	1	3.30		
0:00	1:00	1.0	P/U OFF BOTTOM & CIRC. HOLE CLEAN & PUMP LCM PILL				6 1/4" D.C.	18	556.06		
1:00	6:00	5.0	DRILL F/12,447' TO 12,525' NO LOSSES								
Total Hours		24.0									
			Depth	Feet To Go	Sunnyside	12245'	-280'				
			Wasatch	5420'	-7105'	Kenilworth	12460'	-65'			
			Mesaverde	9250'	-3275'	Aberdeen	12570'	45'			
			Lower Measverd	10890'	-1635'	Spring cany	12695'	170'			
			Castlegate	11760'	-765'	Mancos	12820'	295'	TOTAL BHA = 560.36		
			Desert	12020'	-505'	MN-21	13180'	655'	Survey	11,918	Miss Run

RECEIVED

JAN 14 2009

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T095 R18E5-28  
43-042-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: <b>SWF 31-25-9-18</b>		Permit Depth: <b>13,410</b>		Prog Depth: <b>13,410</b>		Date: <b>1/15/2009</b>		Days since spud: <b>22</b>		
<b>Current: Operations: DRILLING</b>										
Depth: <b>12608'</b>		Prog: <b>83'</b>		D Hrs: <b>4.5</b>		ROP: <b>18.4</b>		Formation: <b>ABERDEEN</b>		
DMC: <b>\$9,600</b>		TMC: <b>\$116,500</b>		TDC: <b>\$41,000</b>		CUM Cost: <b>\$1,696,315</b>				
Contractor: <b>NABORS 99</b>			Mud Co: <b>MI DRLG FLUIDS</b>			TANGIBLE COST		INTANGIBLE COST		
MW:	11	#1 F-1000 3.5 gpm		Bit #:	8	9	Conductor:	\$ -	Loc, Cost:	\$
VIS:	43	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$
PV/YP:	15-16	#2 F-1000 3.5 gpm		Type:	MS1666	504zx	Int. Csg:	\$ -	Day Rate:	\$ 24,000
Gel:	6/12	SPM: 100		MFG:	ULTERRA	HTC	Prod Csg:	\$ -	Rental:	\$ 4,000
WL:	12	GPM: 384		S/N:	5897	7117470	Float Equip:	\$ -	Trucking:	\$
Cake:	2	Press: 1550		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$400
Solids/L.G.	12/5.8	AV DC: 298		Depth out:	12547	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$
MBT:	13.75	AV DP: 227		Depth in:	12344	12547	Packers:	\$ -	Casing Crew:	\$ -
PH:	7.6	JetVel: 95		FTG:	203	61	Tanks:	\$ -	Camp Exp:	\$ 1,600
Pf/Mf:	.00/3.40	ECD: 11.09		Hrs:	12.0	3.0	Separator:	\$ -	Cement:	\$ -
Chlor:	7500	SPR #1:		FPH:	17.0	20.0	Heater:	\$ -	Bit: # 9	\$
Ca:	40	SPR #2:		WOB:	22/32	20/24		\$ -	Mud Motors:	\$
DAP/LCM	4/trace	Btms. Up: 71		R-RPM:	58/65	8	Prime Mover:	\$ -	Consultant:	\$ 1,400
Time Break Down:			Total D.T.		M-RPM:		Misc:		Drilling Mud, and DP chem: \$9,600	
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:		299.5		Daily Total:		\$ -
6:00	7:30	1.5	DRILL F/12525' TO 12547'							
7:30	8:00	0.5	1696315							
8:00	15:00	7.0	POOH L/D BIT & BIT SUB							
15:00	17:30	2.5	M/U BIT & MOTOR & RIH TO SHOE BREAK CIRC.							
17:30	18:30	1.0	SLIP & CUT DRILLING LINE							
18:30	19:00	0.5	SERVICE RIG							
19:00	21:30	2.5	RIH TO 8000'							
21:30	23:00	1.5	CIRC. OUT GAS							
23:00	1:30	2.5	RIH TO 12,417'							
1:30	2:30	1.0	WASH & REAM F/12417' TO 12547'							
2:30	5:00	2.5	DRILL F/12547' TO 12601' ROP = 21.5'							
5:00	5:30	0.5	<b>DOWNTIME: WORK ON BOTH MUD PUMPS</b>							
5:30	6:00	0.5	DRILL F/12601' TO 12608'							
Total Hours		24.0								
			Depth	Feet To Go	Sunnyside	12245'	-363'			
			Wasatch	5420'	-7188'	Kenilworth	12460'	-148'		
			Mesaverde	9250'	-3358'	Aberdeen	12570'	-38'		
			Lower Measverd	10890'	-1718'	Spring cany.	12695'	87'		
			Castlegate	11760'	-848'	Mancos	12820'	212'	TOTAL BHA = 590.20	
			Desert	12020'	-588'	MN-21	13180'	572'	Survey	11,918 Miss Run

**RECEIVED**

**JAN 15 2009**

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09S R18E-S28  
43-047-397 29

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: <b>SWF 31-25-9-18</b>		Permit Depth: <b>13,410</b>		Prog Depth: <b>13,410</b>		Date: <b>1/16/2009</b>		Days since spud: <b>23</b>			
<b>Current: Operations: DRILLING</b>											
Depth: <b>13179'</b>		Prog: <b>571'</b>		D Hrs: <b>16.0</b>		ROP: <b>35.7</b>		Formation: <b>MANCOS</b>			
DMC: <b>\$11,000</b>		TMC: <b>\$127,500</b>		TDC: <b>\$41,400</b>		CUM Cost: <b>\$1,737,715</b>					
Contractor: <b>NABORS 99</b>			Mud Co: <b>MI DRLG FLUIDS</b>			TANGIBLE COST		INTANGIBLE COST			
MW:	11	#1 F-1000 3.5 gpm		Bit #:	8	9	Conductor:	\$ -	Loc, Cost:	\$	
VIS:	45	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	16/15	#2 F-1000 3.5 gpm		Type:	MS1666	504zx	Int. Csg:	\$ -	Day Rate:	\$ 24,000	
Gel:	6/13	SPM: 100		MFG:	ULTERRA	HTC	Prod Csg:	\$ -	Rental:	\$ 4,000	
WL:	14	GPM: 384		S/N:	5897	7117470	Float Equip:	\$ -	Trucking:	\$	
Cake:	2	Press: 1650		Jets:	6x16's	6x16's	Well Head:	\$ -	Water:	\$600	
Solids/L.G.	13/6	AV DC: 298		Depth out:	12547	IN HOLE	TBG/Rods:	\$ -	Fuel:	\$	
MBT:	13.75	AV DP: 227		Depth in:	12344	12547	Packers:	\$ -	Casing Crew:	\$ -	
PH:	7.6	JetVel: 95		FTG:	203	632	Tanks:	\$ -	Camp Exp:	\$ 400	
Pf/Mf:	.00/3.40	ECD: 11.09		Hrs:	12.0	19.0	Separator:	\$ -	Cement:	\$ -	
Chlor:	7000	SPR #1:		FPH:	17.0	33.3	Heater:	\$ -	Bit: # 9	\$	
Ca:	40	SPR #2:		WOB:	22/32	22/25		\$ -	Mud Motors:	\$	
DAP/LCM	4.75/Trace	Btms. Up: 71		R-RPM:	58/65	Oct-40	Prime Mover:	\$ -	Consultant:	\$ 1,400	
Time Break Down:			Total D.T.		M-RPM:	NA	78	Misc:	\$ -	Drilling Mud, and DP chem: \$11,000	
START	END	TIME	RM 36 / DR 1.5	Total Rot. Hrs:		315.5		Daily Total:	\$ -	Misc. / Labor:	\$
6:00	7:00	1.0	DRILL F/12508' TO 12629'								
7:00	8:30	1.5	<b>DOWNTIME: WORK ON MUD PUMPS</b>								
8:30	13:00	4.5	DRILL F/12629' TO 12771'								
13:00	13:30	0.5	SERVICE RIG								
13:30	15:30	2.0	DRILL F/12771' TO 12830'								
15:30	16:00	0.5	<b>DOWNTIME: WORK ON MUD PUMPS</b>								
16:00	17:30	1.5	DRILL F/12830' TO 12892'								
17:30	18:30	1.0	STARTED LOSING MUD P/U OFF BOTTOM CIRC. HOLE CLEAN & TAKE OFF GAS BUSTER TO REDUCE ECD ON HOLE & PUMP LCM PILL								
18:30	22:00	3.5	DRILL F/12892' TO 13049'								
22:00	2:30	4.5	TOOK 130 BBL GAIN IN ABOUT 14 MINTUES. PUT ON GAS BUSTER & BLEW GASKET ON FLOW LINE SHUT IN HYDRIL & GO ON CHOKE TO CIRC. OUT GAS. (BLEW DOWN CHOKE)								
2:30	6:00	3.5	DRILL F/13049' TO 13179' ROP = 39.7'								
Total Hours		24.0									
			Depth	Feet To Go	Sunnyside	12245'	-934'				
			Wasatch	5420'	-7759'	Kenilworth	12460'	-719'			
			Mesaverde	9250'	-3929'	Aberdeen	12570'	-609'			
			Lower Measverd	10890'	-2289'	Spring cany	12695'	-484'			
			Castlegate	11760'	-1419'	Mancos	12820'	-359'	TOTAL BHA = 590.20		
			Desert	12020'	-1159'	MN-21	13180'	1'	Survey	11,918 Miss Run	

**RECEIVED**  
**JAN 16 2009**

DIV. OF OIL, GAS & MINING



# GASCO ENERGY DAILY DRILLING REPORT

**CONFIDENTIAL**  
T09SR18E S-25  
43-047-39729

RKB 25.6"

AFE # 70402

GPS= LONG 40.00.413N LAT 109.50.392W

Well: SWF 31-25-9-18		Permit Depth: 13,410		Prog Depth: 13,410		Date: 1/22/2009		Days since spud: 29	
<b>FINAL REPORT PREP RIG FOR MOVE</b>									
Current: Operations:									
Depth: 13415'		Prog:		D Hrs:		ROP		#DIV/0! Formation: <b>MANCOS/MN21</b>	
DMC:		TMC: \$149,000		TDC \$29,200		CUM Cost \$2,508,200			
Contractor: NABORS 99		Mud Co: MI DRLG FLUIDS		TANGIBLE COST		INTANGIBLE COST			
MW:	11.3	#1 F-1000 3.5 gpm		Bit #:	8	9	Conductor:	\$ -	Loc. Cost: \$
VIS:	45	SPM: 0		Size:	7 7/8	7 7/8	Surf. Csg:	\$ -	Rig Move: \$
PV/YP:	16/16	#2 F-1000 3.5 gpm		Type:	MS1666	504zx	Int. Csg:	\$ -	Day Rate: \$ 24,000
Gel:	6/14	SPM: 100		MFG:	ULTERRA	HTC	Prod Csg:	\$	Rental: \$ 3,000
WL:	15.2	GPM: 384		S/N:	5897	7117470	Float Equip:	\$	Trucking: \$
Cake:	2	Press: 1650		Jets:	6x16's	6x16's	Well Head:	\$	Water: \$
Solids/L.G.	15/6.5	AV DC: 298		Depth out:	12547	13415	TBG/Rods:	\$ -	Fuel: \$
MBT:	13.75	AV DP: 227		Depth in:	12344	12547	Packers:	\$ -	Casing Crew: \$
PH:	7.6	JetVel: 95		FTG:	203	868	Tanks:	\$ -	Camp Exp: \$800
Pf/Mf:	.00/3.40	ECD: 11.09		Hrs:	12.0	26.5	Separator:	\$ -	Cement: \$
Chlor:	7000	SPR #1:		FPH:	17.0	33.0	Heater:	\$ -	Bit: # 9 \$
Ca:	40	SPR #2:		WOB:	22/32	22/25		\$ -	Mud Motors: \$
DAP/LCM	4.5/Trace	Btms. Up: 76		R-RPM:	58/65	75	Prime Mover:	\$ -	Consultant: \$ 1,400
Time Break Down:		Total D.T.		M-RPM:	NA	78	Misc:	\$	Drilling Mud, and DP chem: \$
START	END	TIME	RM 36 / DR 4	Total Rot. Hrs:	315.5		Daily Total:	\$ -	Misc. / Labor: \$
6:00	18:00	12.0	NIPPLE DOWN BOP'S THIRD PARTY TOOLS FAILED, SO WHILE WAITING ON OTHER COMPANY TO NIPPLE DOWN BOP. RIG DOWN FLOOR, CHOKE HOUSE, UNHOOK FLARE LINES & MUD TANKS. NIPPLE DOWN BOP & MOVE. MOVE CAMP & SET UP SAME. MOVE PIPE TUBS.				Electric logging: \$		
			WATER TANKS & PREP TOP DRIVE TO LAY DOWN & DERRICK BOARD. UNHOOK POWER FROM TOP DRIVE.				Welding: \$ -		
							Daily Total: \$ 29,200		
							BHA		
18:00	6:00	12.0	SHUT IN BOILER, BLOW DOWN STEM LINES, WATER LINES, RIG DOWN FLOW LINE. GO THRU MUD PUMPS, PULL #2 HOPPER PUMP OUT & REPLACE HOPPER JET.						
<b>RECEIVED</b>									
<b>JAN 22 2009</b>									
<b>DIV. OF OIL, GAS &amp; MINING</b>									
			Depth	Feet To Go	Sunnyside	12245'	-1170'		
			Wasatch	5420'	-7995'	Kenilworth	12460'	-955'	
			Mesaverde	9250'	-4165'	Aberdeen	12570'	-845'	
			Lower Measverd	10890'	-2525'	Spring cany	12695'	-720'	
			Castlegate	11760'	-1655'	Mancos	12820'	-595'	TOTAL BHA = 0.00
			Desert	12020'	-1395'	MN-21	13180'	-235'	Survey

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OM No. 002117  
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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator GASCO PRODUCTION COMPANY		7. If Unit or CA/Agreement, Name and/or No. NA
3a. Address 8 INVERNESS DR. E, # 100, ENGLEWOOD, CO 80112	3b. Phone No. (include area code) 303-483-0044	8. Well Name and No. Sheep Wash Federal 31-25-9-18
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 853' FNL & 2132' FEL NW NE of Sec 25-T9S-R18E		9. API Well No. 43-047-39729
		10. Field and Pool, or Exploratory Area Riverbend
		11. County or Parish, State UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>Complete and commingle multiple pay zones</u>

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 1/20/2009

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

Approved by 	Title Pet. Eng.	Date 3/11/09
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 DOG	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: 3/12/2009

Initials: KS

**RECEIVED**

FEB 10 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION



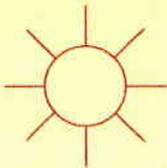
UTD CHASEL 24-14

NEWFIELD PRODUCTION



FEDERAL 15-24-9-18

SHEEP WASH FEDERAL



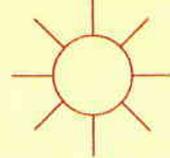
21-25-9-18

SHEEP WASH FEDERAL



31-25-9-18

SHEEP WASH FEDERAL



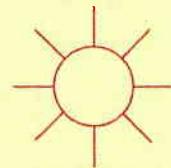
41-25-9-18

MAPCC

RB I

PRODUCTION CO  
AL 5-25A

SHEEP WASH FEDERAL



32-25-9-18

FEDERAL

25  7-25A

Gasco Leases



660 0 660 ft



Sheep Wash Federal 31-25-9-18

NWNE 25-T9S-R18E

Uintah Co, Utah





February 2, 2009

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

RECEIVED  
FEB 10 2009  
DIV. OF OIL, GAS & MINING

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

**RE: Notice of Intent to Completion into Two or More Pools  
Sheep Wash Federal 31-25-9-18 located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ ,  
Section 18-Township 9 South-Range 18 East  
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,

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)

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-009803
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name N/A
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112		7. If Unit or CA. Agreement Name and/or No. N/A
3b. Phone No. (include area code) 303-483-0044		8. Well Name and No. Sheep Wash Federal 31-25-9-18
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 853' FNL & 2132' FEL NW NE of Sec 25-T9S-R18E		9. API Well No. 43-047-39729
		10. Field and Pool, or Exploratory Area Wildcat
		11. County or Parish, State Utah County, UT

**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 Status Sundry
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

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

*This well reached TD 1/17/09. 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.

**RECEIVED**

**MAY 12 2009**

DIV. OF OIL, GAS & MINING



CONFIDENTIAL

**GASCO Production Company**

Sheep Wash Federal 31-25-9-18

NW NE Sec. 25-T9S-R18E

853' FNL, 2132' FEL

Uintah County, Utah

API: 43-047-39729

---

**Drilling CWC: \$2,508,200**

TOC inside surface csg.

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DEC 03 2009

DIV. OF OIL, GAS & MINING

01/27/09 Misc. drilling costs, start tank battery  
(PME) DC \$ 18,006 CC \$2,526,206

01/30/09 Tanks, Berm Material delivered Material  
(PME) DC \$36,295 CC \$2,562,501

02/23/09 Restrooms, trash, separator & Meter house  
(PME) DC \$52,729 CC \$2,615,230

03/04/09 Fittings (PME) DC \$150 CC \$2,615,380

11/16/09 Build Tank battery (PME) DC \$6,742 CC 2,622,122

**Completion: Mobe 1, frac MN 21 – Panther – Spring Canyon, w/ Pinnacle  
Micro seismic on offset loc**

11/17/09 RU JW Wireline. Ran CBL / VDL / GR log. Found TOC in surface csg, above 3380'. Found very good / excellent bonding throughout, with the exception of **free pipe** from 12100' to 12280'. Must have had some trouble cementing, and pumped a water spacer.  
**\* special considerations should be taken, designing frac stages around this interval.\*** (SCE)

11/24/09 All frac tks cleaned and set for frac. Kcl and Biocide added and tks are being filled now.

12/2/09 MIRU stinger wellhead. Will have frac crew/perforaters on loc in the a.m. SDFD. (JD)

12/3/09 MIRU JW wireline. RIH perf guns. Pinnacle will calibrate tools f/SWF 21-25-9-18 loc, will also be monitoring frac job from SWF 21-25. Perf **stage-1 MN-21 f/13,175-79', 13,193-97', 13,215-19'**. 3 spf, MIRU Superior ws to frac. Break perfs w/7,250 @ 4.7 bpm. SD, ISIP 6,495, FG

.93. pump 1,000 gal 7.5% hcl @ 5 bpm. Reactive FR frac well w/5,682 # 100 mesh sand, 39,998# 40/70 white sand, 57,914# 40/70 prime plus, 2,559 bbls reactive FR water (2% Dychlor produced water), and flushed w/194 bbls 2% Dychlor water. SD. ISIP 6,419 FG .92 Average rate 35.6 bpm, Average psi 7,771. Shut well in and SDFD. (JD

Sheep Wash Fed 31.25.9.18

43.047.39729

95 18E 25

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.93. pump 1,000 gal 7.5% hcl @ 5 bpm Reactive FR frac well w/5,682 # 100 mesh sand, 39,998# 40/70 white sand, 57,914# 40/70 prime plus, 2,559 bbls reactive FR water (2% Dychlor produced water), and flushed w/194 bbls 2% Dychlor water. SD. ISIP 6,419 FG .92 Average rate 35.6 bpm, Average psi 7,771. Shut well in and SDFD. (JD)

- 12/4/09 Fd 4,500 sicp. Well head was froze w/gelled diesel. Pump flush on well w/breakers and 30 gal 7.5% acid to break up gel. RIH w/ plug and guns. Set **10k Magnum bridge plug @ 13,110'**. Perf **stage-2 Panther f/13,088-90'**, break dn perfs w/6,492 @ 2 bpm. Finish perf f/**12,857-59'**, **13,016-20'**, **13,036-38'**. POOH. RU to frac. Pump in to perfs w/6,500 @ 6 bpm. SD ISIP 6,285 FG .92 Pump 1,000 gal 7.5% hcl. Reactive FR frac well w/6,000# 100 mesh sand, 24,346# 40/70 white sand, 47,750# 40/70 prime plus, 1,886 bbls Reactive FR water (2% Dychlor produced water), and flushed w/191 bbls Dychlor water. SD. ISIP 6,191 FG .91 Average rate 39.1 bpm Average psi 7,971. RIH w/plug and guns. Tag something @ 7,600' POOH with no problem, @ 6,400' try to RIH and tag @ 6,500'. POOH to 2800' and try to go dn slowly and could not go dn try to come up and plug moved 100' to 2,700' and plug stuck. Was able to pump .5 bpm around plug but could not move it, tried 1 bpm with no problem, try 1.5 bpm and psi came up to 9,300#. Set plug and POOH. RDMO frac crew, will have coil tbg on loc in the a.m. to drill out plug then will move in and continue frac job. SDFD. (JD)
- 12/5/09 MIRU CUDD coil tbg services. Fd 5,000 sicp. RIH w/3 5/8" 6 blade mill+ECTD even wall motor+jars+circ sub+disconnect+coil connect. Holding 5,000 psi tag plug @ 2,700' mill up and RIH, saw 2,500 psi drop. Finish RIH tag plug #2 @ 13,110' and pull up 5' and circulate bottoms up. Shut well in and pooh. RDMO CUDD coil. SDFD. (JD)
- 12/6/09 Fd 2,300 sicp. MIRU JW wireline. Lost hydraulics on crane, had to get crane f/ B&G crane. RIH w/plug and guns. Pinnacle monitoring f/SWF 21-25-9-18. Set **10k weatherford FTFP @ 12,730'**, perf **stage-3 Spring canyon f/12,690-98'**. POOH. Shut well in and cover w/tarps and heater. SDFD. (JD)
- 12/7/09 MIRU superior ws to frac. Pinnacle monitoring job from SWF 21-25-9-18. Fd 1,875 sicp. Break dn perfs w/4,539 @ 3 bpm. Pump prepad @ 30 bpm. SD, ISIP 3,875 FG .74. During 1# stage had to shutdown because of hhp issues, cut sand and pump 200 bbl sweep. Will continue job in the a.m. when hhp is rebuilt. Started job w/13,500 hhp, was dn to 4,500 hhp because of broken radiators, cracked fluid end, and lost packing. Total pumped, 4,500# 100 mesh sand, 10,289# 18/35 Versa prop, 1,458 bbls 20# XL-BHT, and flushed w/200 bbls 20# lineaar gel. Shut well in and cover w/tarps and heater. SDFD. (JD)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-9803
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name NA
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112		7. If Unit or CA. Agreement Name and/or No. NA
3b. Phone No. (include area code) 303-483-0044		8. Well Name and No. Sheep Wash Federal 31-25-9-18
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 853' FNL & 2132' FEL NWNE of Sec 25-T9S-R18E		9. API Well No. 4304739729
		10. Field and Pool, or Exploratory Area Riverbend
		11. County or Parish, State Uintah, UT

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

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

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

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

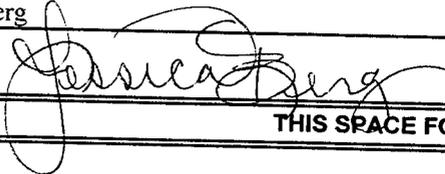
*All produced water from this well will be trucked off the location and disposed of at either the Desert Spring State Evaporation Facility (NW 1/4 of Section 36-T9S-R18E Uintah County, UT) which is owned by Gasco Production Company or the Eight Mile Flat Evaporation Facility (Section 36-T9S-R18E, Uintah 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.*

**RECEIVED**  
**DEC 24 2009**  
**DIV. OF OIL, GAS & MINING**

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

Jessica Berg

Signature



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

Production Clerk

December 23, 2009

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

Approved by

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

Title

Date

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)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Lease Serial No.

UTU-87586

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

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

NA

8. Lease Name and Well No.

Sheep Wash Federal 31-25-9-18

9. API Well No.

43-047-39729

10. Field and Pool, or Exploratory

Riverbend

11. Sec., T., R., M., or Block and Survey or Area 25 T9S R18E

12. County or Parish

Utah

13. State

Utah

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 853' FNL & 2132' FEL NWNW Section 25 T9S R18E

At top prod. interval reported below same

At total depth same

14. Date Spudded

12/03/08

15. Date T.D. Reached

01/17/09

16. Date Completed

4/2

D & A  Ready to Prod.

12/10/09

17. Elevations (DF, RKB, RT, GL)\*

KB: 4,930.3'; GL: 4,904.9'

18. Total Depth: MD 13415  
TVD 13415

19. Plug Back T.D.: MD 13307  
TVD 13307

20. Depth Bridge Plug Set: MD NA  
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Triple Combo, CCL, CBL, CNL, Gyro

22. Was well  No  Yes (Submit copy)

Was DST run?  No  Yes (Submit copy)

Directional  No  Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	16" H-40	65#	0	120		ready mix		Circ to Surf	
12 1/4"	9 5/8" P-1	47#	0	2313		795 sx Class G		Circ to Surf	
12 1/4"	8 5/8" J-55	32#	2313	3518		715 sx Class G		Inside Surf	
7 7/8"	4 1/2 P-110	15.1#	0	13359		925 sx 50/50 Poz G			

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	12857	13219	See Attached			
B) Mesaverde	12690	12698				
C)						
D)						
E)						

26. Perforation Record

Depth Interval	Amount and type of Material
See Attached	

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JAN 14 2010

DIV. OF OIL, GAS & MINING

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/10/09	09/20/09	24	→	0	876	142			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
14/64	SI no tbg	1197	→	0	876	142		Flowing from A & B	

28a.

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

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	5,422	9,262	TD'd within Mancos		
Mesaverde	9,262	12,789			
Mancos	12,789	13,415			

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 12/28/2009

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.

**Sheep Wash Federal 31-25-9-18**  
*Additional Information to Well Completion Report*

**27. Perforation Record**

Perforated Interval	Size	No. Hole	Perf. Status
13175-79; 13193-97; 13215-19	0.38	36	Open
12857-59; 13016-20; 13036-38; 13088-90	0.38	30	Open
12690-98	0.38	48	Open
	0.38		Open

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

Depth Interval	Amount and Type of Material
13175-13219	Reactive FR frac well w/5,682 # 100 mesh sand, 39,998# 40/70 white sand, 57,914# 40/70 prime plus, 2,559 bbls reactive FR water (2% Dychlor produced water), and flushed w/194 bbls 2% Dychlor water.
12857-13090	Reactive FR frac well w/6,000# 100 mesh sand, 24,346# 40/70 white sand, 47,750# 40/70 prime plus, 1,886 bbls Reactive FR water (2% Dychlor produced water), and flushed w/191 bbls Dychlor water
12690-12698	Frac well w/ 4,500# 100 mesh, 144,450# 18/35 Versaprop, 1,458 bbls 20# XL-BHT, and flushed w/200 bbls 20# lineær gel

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 Federal 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			1/28/10	
Comments: Formation Change = MVMCS- <i>MNCS ONLY per operator</i>							

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Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739729	Sheep Wash Federal 31-25-9-18		NWNE	25	9S	18E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17241	17241	12/3/2008			1/28/10	
Comments: Formation Change = MVMCS							

**CONFIDENTIAL**

Well 3

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

**RECEIVED**

JAN 21 2010 *ef*

**ACTION CODES:**

- A - Establish new entity for new well (single well or OIL, GAS & MINING)
- 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

1/21/2010

Title

Date

<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-009803
<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> SHEEP WASH FED 31-25-9-18
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397290000
<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> 0853 FNL 2132 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 25 Township: 09.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

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

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

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

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-009803
<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> SHEEP WASH FED 31-25-9-18
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397290000
<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> 0853 FNL 2132 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 25 Township: 09.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <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: 10/27/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input 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: <input type="text" value="Meter replacement"/>

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

The Ferguson Beauregard EFM (model 3500) meter that was originally installed on this well was replaced with a TotalFlow XSeries (model 6413) meter. This meter is still considered the point of sale for gas produced from this well. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.

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

Date: 11/10/2011

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> 10/27/2011	

<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-009803
<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> SHEEP WASH FED 31-25-9-18
<b>2. NAME OF OPERATOR:</b> GASCO PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047397290000
<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> 0853 FNL 2132 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 25 Township: 09.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <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: 10/27/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input 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: <input type="text" value="Meter replacement"/>

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

The Ferguson Beauregard EFM (model 3500) meter that was originally installed on this well was replaced with a TotalFlow XSeries (model 6413) meter. This meter is still considered the point of sale for gas produced from this well. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.

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

Date: 11/10/2011

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> 10/27/2011	

Effective Date: 4/16/2015

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

**WELL INFORMATION:**

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

**OPERATOR CHANGES DOCUMENTATION:**

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

**REVIEW:**

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

**NEW OPERATOR BOND VERIFICATION:**

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

**DATA ENTRY:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S	190E	4304752496		Federal	Federal	OW	APD
FEDERAL 14-17G-9-19	17	090S	190E	4304752522		Federal	Federal	OW	APD
FEDERAL 13-18G-9-19	18	090S	190E	4304752538		Federal	Federal	OW	APD
FEDERAL 23-29G-9-19	29	090S	190E	4304752544		Federal	Federal	OW	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	OW	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070		Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	090S	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	090S	190E	4304753078		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	190E	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S	190E	4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S	190E	4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S	190E	4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	190E	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	190E	4304754481		State	State	GW	APD
State 413-32-9-19	32	090S	190E	4304754482		State	State	GW	APD
State 323-32-9-19	32	090S	190E	4304754483		State	State	GW	APD
State 431-32-9-19	32	090S	190E	4304754529		State	State	GW	APD
Desert Spring State 224-36-9-18	36	090S	180E	4304754541		State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	180E	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	090S	180E	4304754543		State	State	GW	APD
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	110S	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	110S	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	110S	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	110S	140E	4301333443	16367	Federal	Federal	GW	P
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	P
RBU 5-11D	11	100S	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P

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

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

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

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

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

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-76482**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

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

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

2. NAME OF OPERATOR:  
**Gasco Production Company**

9. API NUMBER:  
**4304737631**

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

PHONE NUMBER:  
**(303) 483-0044**

10. FIELD AND POOL, OR WILDCAT:  
**Uteland Butte**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **0633 FNL 1512 FWL**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 1 10S 18E S**

COUNTY: **Uintah**

STATE: **UTAH**

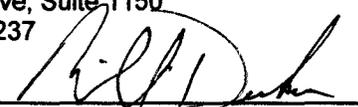
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Gasco Production Company  
7979 E Tufts Ave, Suite 1150  
Denver CO 80237  
303-996-1805  
  
Michael Decker, Exec. Vice President & COO

Badlands Production Company  
7979 E Tufts Ave, Suite 1150  
Denver CO 80237  
303-996-1805  
  
Michael Decker, Exec. Vice President & COO

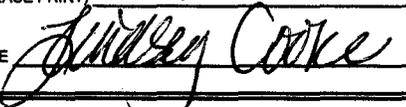
RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Lindsey Cooke**

TITLE **Engineering Tech**

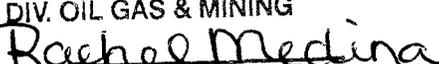
SIGNATURE 

DATE **5/18/2015**

(This space for State use only)

**APPROVED**

JAN 22 2016

DIV. OIL GAS & MINING  
BY: 

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

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

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