



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

December 26, 2003

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

Re: **GASCO Energy, Inc./Pannonian Energy, Inc.**
Federal #42-21-9-19
2114' FNL and 750' FEL
SE NE Section 21, T9S - R19E
Uintah County, Utah
UTU-78433

Gentlemen:

Enclosed please find three copies of the Application for Permit to Drill, along with the required drilling program, BOP diagram, well site maps and diagrams.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.

Sincerely,

PERMITCO INC.

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

Enc.

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

DEC 29 2003

001

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO.: UTU-78433	6. SURFACE: N/A
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: GASCO Energy, Inc./Pannonian Energy, Inc.		9. WELL NAME and NUMBER: Federal #42-21-9-19	
3. ADDRESS OF OPERATOR: 14 Inverness Drive East, Suite #H236, Englewood, CO 80112		PHONE NUMBER: 303-483-0044	10. FIELD AND POOL, OR WILDCAT: Riverbend <i>Parnette Basin</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2114' FNL and 750' FEL AT PROPOSED PRODUCING ZONE: SE NE		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: 4430232Y 40.01775 604279X -109.77809 Sec. 21, T9S-R19E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 28.2 miles Southeast of Myton, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 2114'	16. NUMBER OF ACRES IN LEASE: 996.37	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: N/A	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 2700'	19. PROPOSED DEPTH: 11,700'	20. BOND DESCRIPTION: Bond #UT-1233	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4777' GL	22. APPROXIMATE DATE WORK WILL START: Summer, 2004	23. ESTIMATED DURATION: 30 Days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", H40, 48#	225'	225 sx Premium Type 5, 15.8 ppg, 1.18 yield
11"	8-5/8", J-55, 32#	3,500'	410 sx Hi-Fill, 11 ppg, 3.83 yield & 200 sx Class G, 15.8 ppg, 1.16 yield
7-7/8"	4-1/2", P110, 13.5#	11,700'	650 sx Lite, 12.6 ppg, 1.89 yield & 2250 sx Poz, 13.6 ppg, 1.42 yield
CONFIDENTIAL-TIGHT HOLE			

25. **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) Lisa L. Smith TITLE Agent for GASCO Energy, Inc./Pannonian Energy, Inc.

SIGNATURE *Lisa L. Smith* DATE December 26, 2003

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35405

(11/2001)

Federal Approval of this Action is Necessary

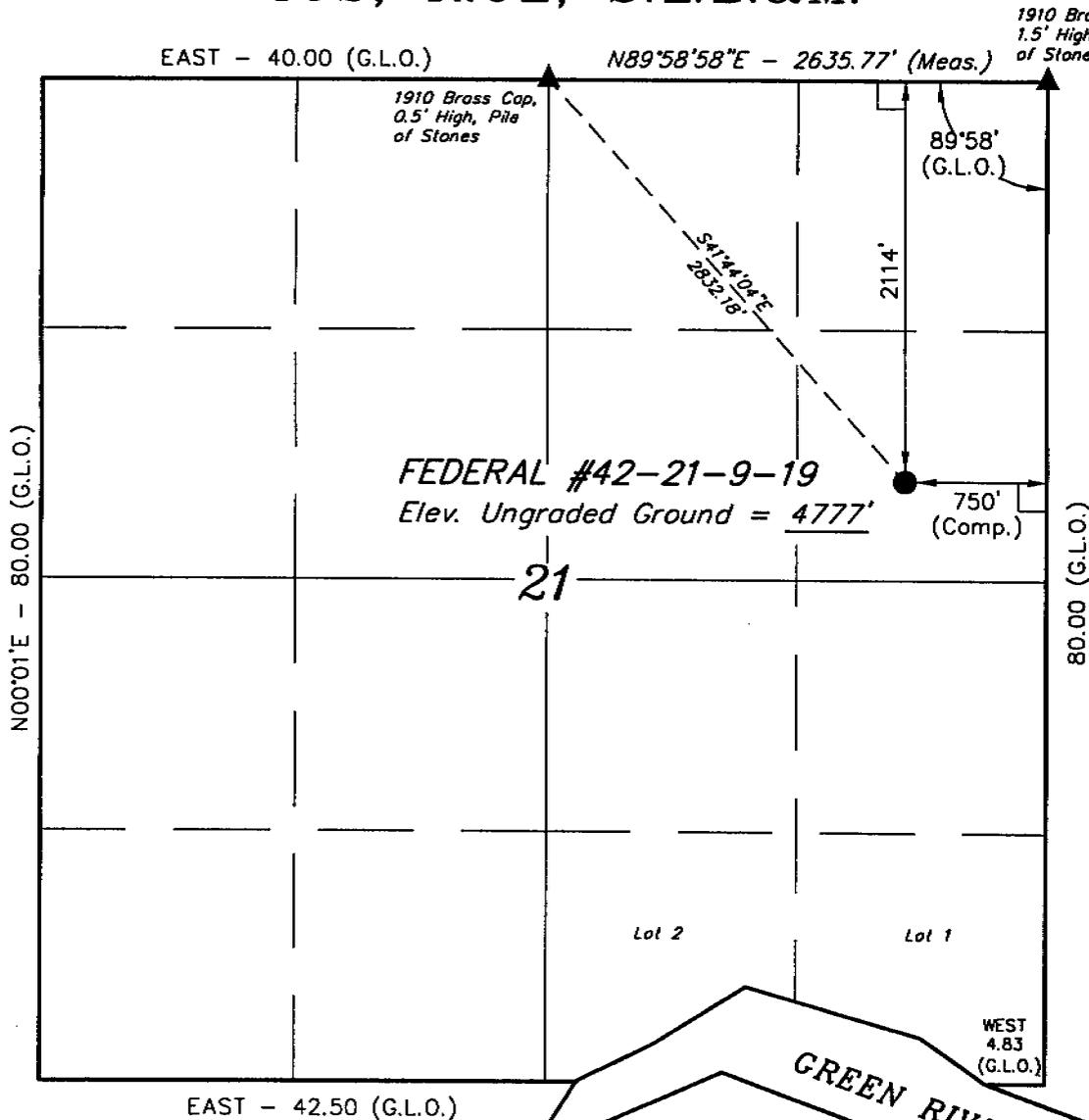
Approved by the Utah Division of Oil, Gas and Mining
Date: 12-29-03
By: *[Signature]*

DEC 29 2003

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

GASCO ENERGY, INC.

Well location, FEDERAL #42-21-9-19, located as shown in the SE 1/4 NE 1/4 of Section 21, T9S, R19E, S.L.B.&M. Uintah County, Utah.

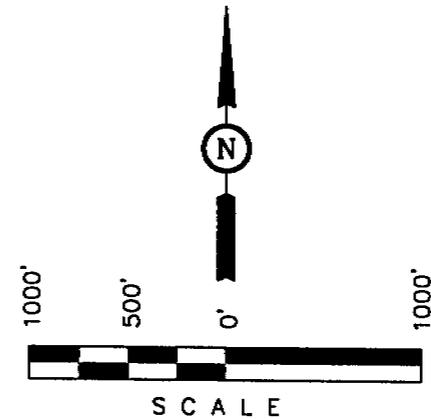


BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 10-21-03

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

LEGEND:

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

(AUTONOMOUS NAD 83)

LATITUDE = 40°01'04.25" (40.017847)
 LONGITUDE = 109°46'43.40" (109.778722)

SCALE 1" = 1000'	DATE SURVEYED: 10-14-03	DATE DRAWN: 10-16-03
PARTY K.K. B.J. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GASCO ENERGY, INC.	

ONSHORE OIL & GAS ORDER NO. 1

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

**FEDERAL #42-21-9-19
2114' FNL and 750' FEL
SE NE Section 21, T9S - R19E
Uintah County, Utah**

Prepared For:

GASCO Energy, Inc./Pannonian Energy, Inc.

By:

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

CONFIDENTIAL-TIGHT HOLE

DEC 29 2003

Copies Sent To:

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



APPLICATION FOR PERMIT TO DRILL OR REENTER

24. Attachments

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

1. Well plat certified by a registered surveyor.
Attached.
2. A Drilling Plan

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.
See Surface Use Plan Attached.

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20).
Bond coverage for this well is provided by GASCO Energy, Inc./Pannonian Energy, Inc. under their BLM Bond No. Bond #UT-1233.

5. Operator certification.
Please be advised that GASCO Energy, Inc./Pannonian Energy, Inc. is considered to be the operator of the above mentioned well. GASCO Energy, Inc./Pannonian Energy, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

6. Such other site specific information and/or plans as may be required by the authorized officer.

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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	5,375'	-675'
Mesa Verde	9,115'	-4,415'
Castlegate	11,510'	-6,810'
T.D.	11,700'	-7,000'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Oil & Water	Green River	4,000'
Gas & Water	Wasatch	5,375'
Gas & Water	Mesaverde	9,115'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.



3. PRESSURE CONTROL EQUIPMENT

GASCO Energy, Inc./Pannonian Energy, Inc.'s minimum specifications for pressure control equipment are as follows:

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

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

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

As a minimum, the above test shall be performed:

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

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

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

Annular preventers shall be functionally operated at least weekly.

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

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

Pressure tests shall apply to all related well control equipment.



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

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

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

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors,



including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.



Federal #42-21-9-19

Lease No. UTU-78433

2114' FNL and 750' FEL

SE NE Section 21, T9S - R19E

DRILLING PROGRAM

Uintah County, Utah

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- i. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

Purpose	Depth	Hole Size	O.D.	Weight	Grade	Type	New/Used
Conductor	0-225'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3500'	11"	8-5/8"	32#	J-55	ST&C	New
Production	0- 11,700'	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:

Conductor	Type and Amount
0-225'	225 sx Premium Type 5 at 15.6 ppg, 1.18 yield Cement will be circulated to surface
Surface	Type and Amount
0-3500'	Lead: 410 sx Hi-Fill @ 11 ppg, 3.83 yield Tail: 200 sx Class 'G' @ 15.8 ppg, 1.16 yield Cement will be circulated to surface
Production	Type and Amount
2,500-11,700'	Lead: 650 sx Lite @ 12.6 ppg, 1.89 yield Tail: 2250 sx 50:50 Poz @ 13.6 ppg, 1.42 yield



Federal #42-21-9-19

Lease No. UTU-78433

2114' FNL and 750' FEL

SE NE Section 21, T9S - R19E

DRILLING PROGRAM

Uintah County, Utah

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- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
1. Kelly cock
 2. No bit float is deemed necessary.
 3. A sub with a full opening valve.



5. MUD PROGRAM

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

Interval	Mud Type	Mud Wt.	Visc.	F/L	PH
0 - 225'	Water	---	---	---	---
225' - 3,500'	Native Mud	8.9-9.0	---	---	---
3,500' - 11,700'	Fresh Water/DAP	9.0-11.5	40	12	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 Gamma Ray from TD - Surface, and a SP/DIL/FDC/CNL from TD - 3,500'.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows: Fracture stimulate multiple Mesa Verde and Wasatch pay sands and produce same.
- 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 6995 psi. The maximum bottom hole temperature anticipated is 210 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal Pressures will be controlled with mud weight and 5000# BOP and rotating head.

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

- a. Drilling will commence in the Summer of 2004.
- b. It is anticipated that the drilling of this well will take approximately 30 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.



ONSHORE ORDER NO. 1
GASCO Energy, Inc./Pannonian Energy, Inc.
Federal #42-21-9-19
2114' FNL and 750' FEL
SE NE Section 21, T9S - R19E
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-78433

DRILLING PROGRAM

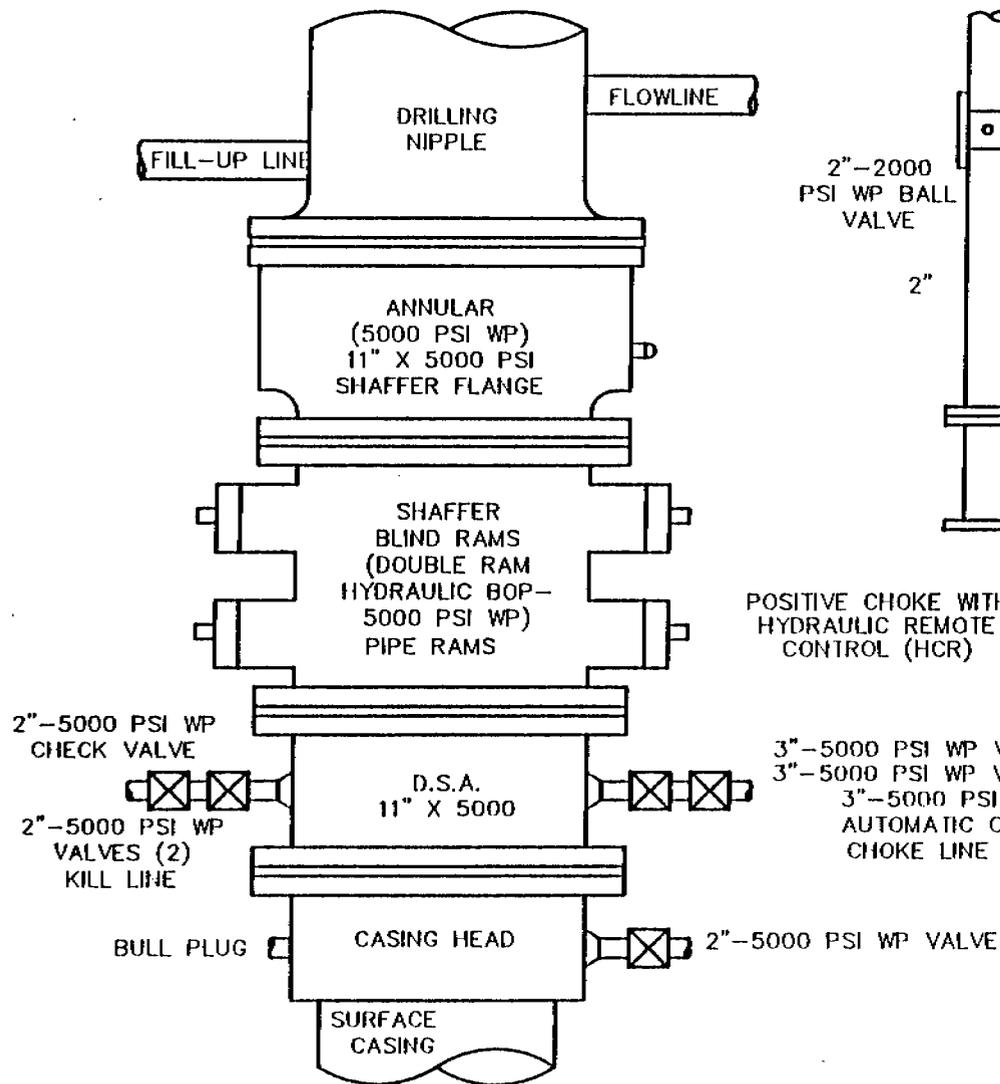
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- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws 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.

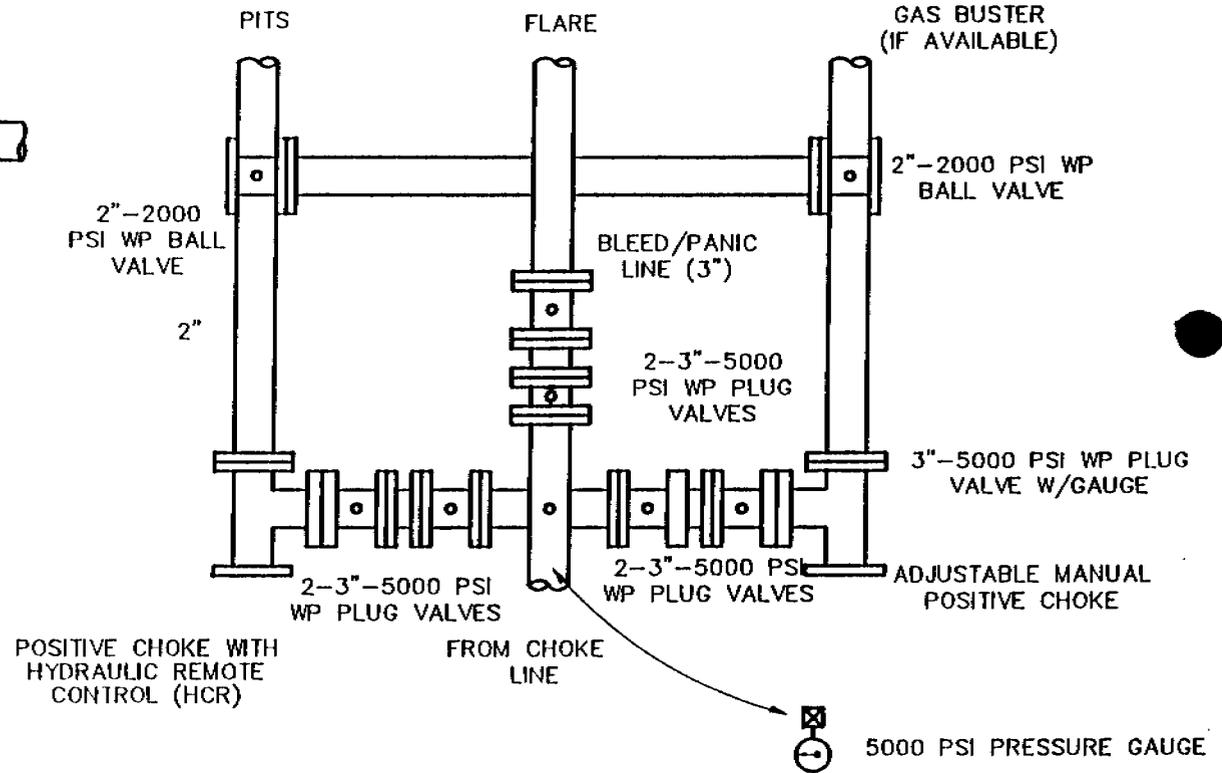
Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400		Fax: 435/781-4410
After Hours:		
Ed Forsman	Petroleum Engineer	435/828-7874
Kirk Fleetwood	Petroleum Engineer	435/828-7875



BOP SCHEMATIC
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKE MANIFOLD



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

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

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

The onsite inspection for the subject well site was conducted on Tuesday, October 27, 2003 at approximately 11:45 a.m. Weather conditions were clear, breezy and sunny. In attendance at the onsite inspection were the following individuals:

Byron Tolman	Natural Resource Specialist	Bureau of Land Management
Lisa Smith	Permitting Agent	Permitco Inc.
Cathy King	Field Assistant	Permitco Inc.
Robert Kay	Land Surveyor	Uintah Engineering and Land Surveying

1. **EXISTING ROADS**

- a. The proposed well site is located approximately 28.2 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 4.5 miles to a fork in the road. Turn right and proceed southeasterly for 6.4 miles. Turn left and proceed north for 0.7 miles. Turn right and proceed southeasterly for 0.2 miles. Turn left and proceed northeasterly for 1 mile. Turn left onto the new access route and proceed northeasterly along the new access for 0.7 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to existing main roads will not be required.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. PLANNED ACCESS ROADS

- a. The majority of the road is an existing upgraded oilfield road.
- b. The maximum grade of the new construction will be approximately 9%.
- c. No turnouts are planned.
- d. No culverts will be necessary. One low water crossing will be necessary approximately mid-way along the new access route. The low water crossing area will be covered with fabric and approximately 18" of road base for a distance of approximately 200 feet.
- e. The last 0.7 miles of new access road was centerline flagged at the time of staking.



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

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

- a. Water wells - none



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

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

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



- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.
- m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- n. Pipelines will follow the route shown on Map D. See Pipeline detail attached.

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 #43-1723.



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

6. SOURCE OF CONSTRUCTION MATERIAL

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

7. METHODS OF HANDLING WASTE DISPOSAL

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



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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The existing pipe line will be re-routed to the south (on the uphill side of location) prior to construction of the well pad.
- c. The reserve pit will be located on the southeast side of the location.
- d. 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.
- e. The stockpiled topsoil (first six inches) will be stored on the east side of the location, between Corners 1 and 2 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.
- f. Access to the well pad will be from the west as shown on the Pit & Pad Layout.



- g. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- h. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- i. All pits will be fenced according to the following minimum standards:
 - 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 - 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
 - 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- j. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. After reclamation, the south side of the location will be ditched to divert runoff water around the pad.



- c. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- d. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- e. 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.
- f. 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.

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

Access Seed Mixture	
Species	#/s per Acre
Shadscale	4
Sand Dropseed	4
4-Wing Salt Bush	4
TOTAL	12



<i>Drillsite Seed Mixture</i>	
<i>Species</i>	<i>#/s per Acre</i>
Gardner Salt Bush	4
American Kocia	4
Galleta Grass	4
TOTAL	12

Dry Hole

- i. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

12. OTHER INFORMATION

- a. A Class III archeological survey has been conducted by Grand River Institute. No significant cultural resources were found and clearance is recommended. A copy of this report is attached.
- b. A Paleontological Resource Inventory Report will not be required by the Bureau of Land Management.



- 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 one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- 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 AND CERTIFICATION

Permit Matters

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

Drilling & Completion Matters

GASCO Energy, Inc.
14 Inverness Drive East, Suite H-236
Englewood, CO 80112
John Longwell
303/483-0044 (O)
303/ 483-0011(F)

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the



ONSHORE ORDER NO. 1
GASCO Energy, Inc./Pannonian Energy, Inc.
Federal #42-21-9-19
2114' FNL and 750' FEL
SE NE Section 21, T9S - R19E
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-78433

SURFACE USE PLAN

Page 13

statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by GASCO Energy, Inc. and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

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

December 26, 2003

Date:



Lisa L. Smith - PERMITCO INC.

Authorized Agent for:

GASCO Energy, Inc. / Pannonian Energy, Inc.



GASCO ENERGY, INC.

FEDERAL #42-21-9-19

LOCATED IN UINTAH COUNTY, UTAH
SECTION 21, T9S, R19E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

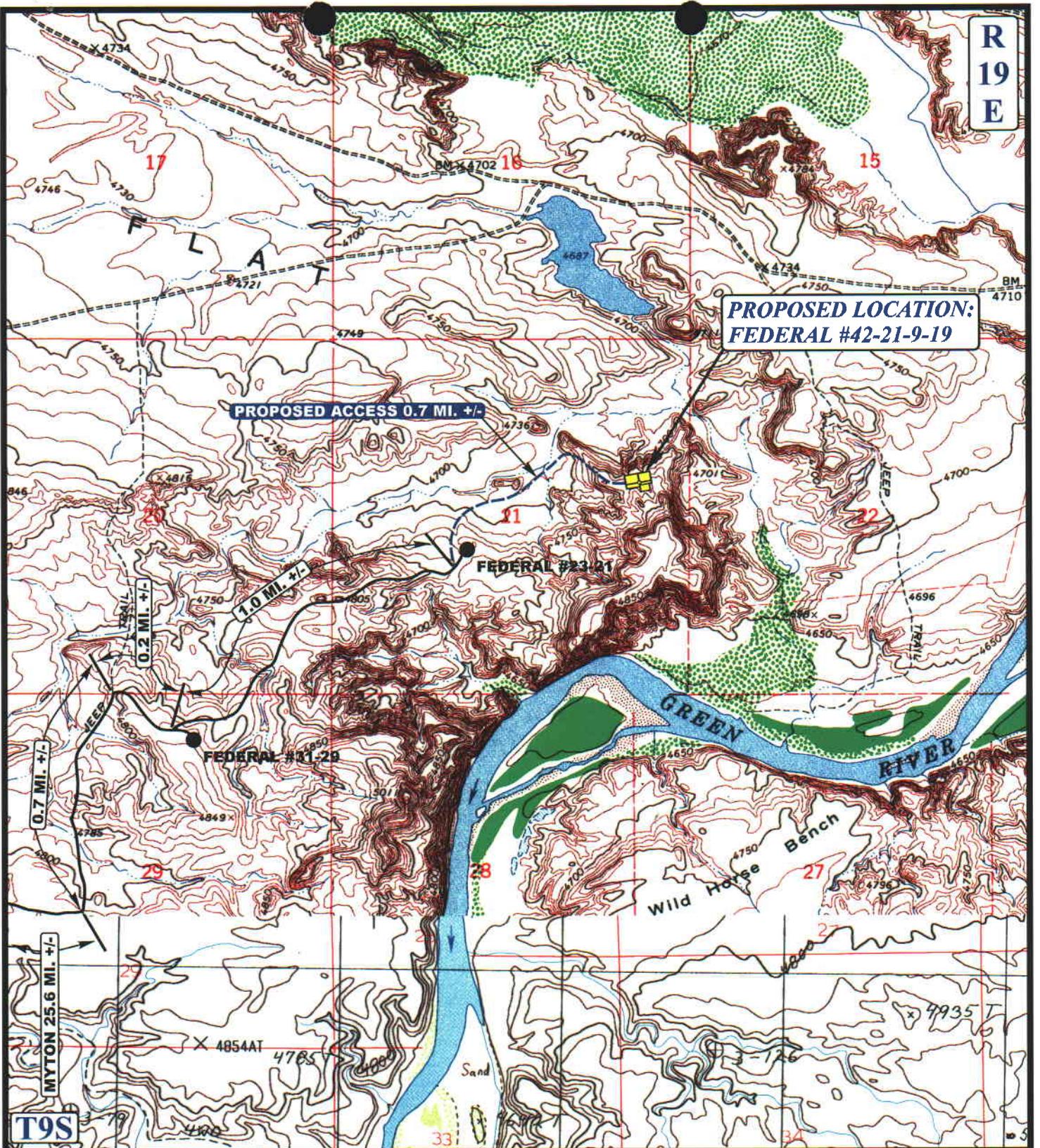
CAMERA ANGLE: NORTHWESTERLY



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

- Since 1964 -

LOCATION PHOTOS	10	16	03	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: K.K.	DRAWN BY: C.G.	REVISED: 10-21-03		



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD

N



GASCO ENERGY, INC.

FEDERAL #42-21-9-19
 SECTION 21, T9S, R19E, S.L.B.&M.
 2114' FNL 750' FEL



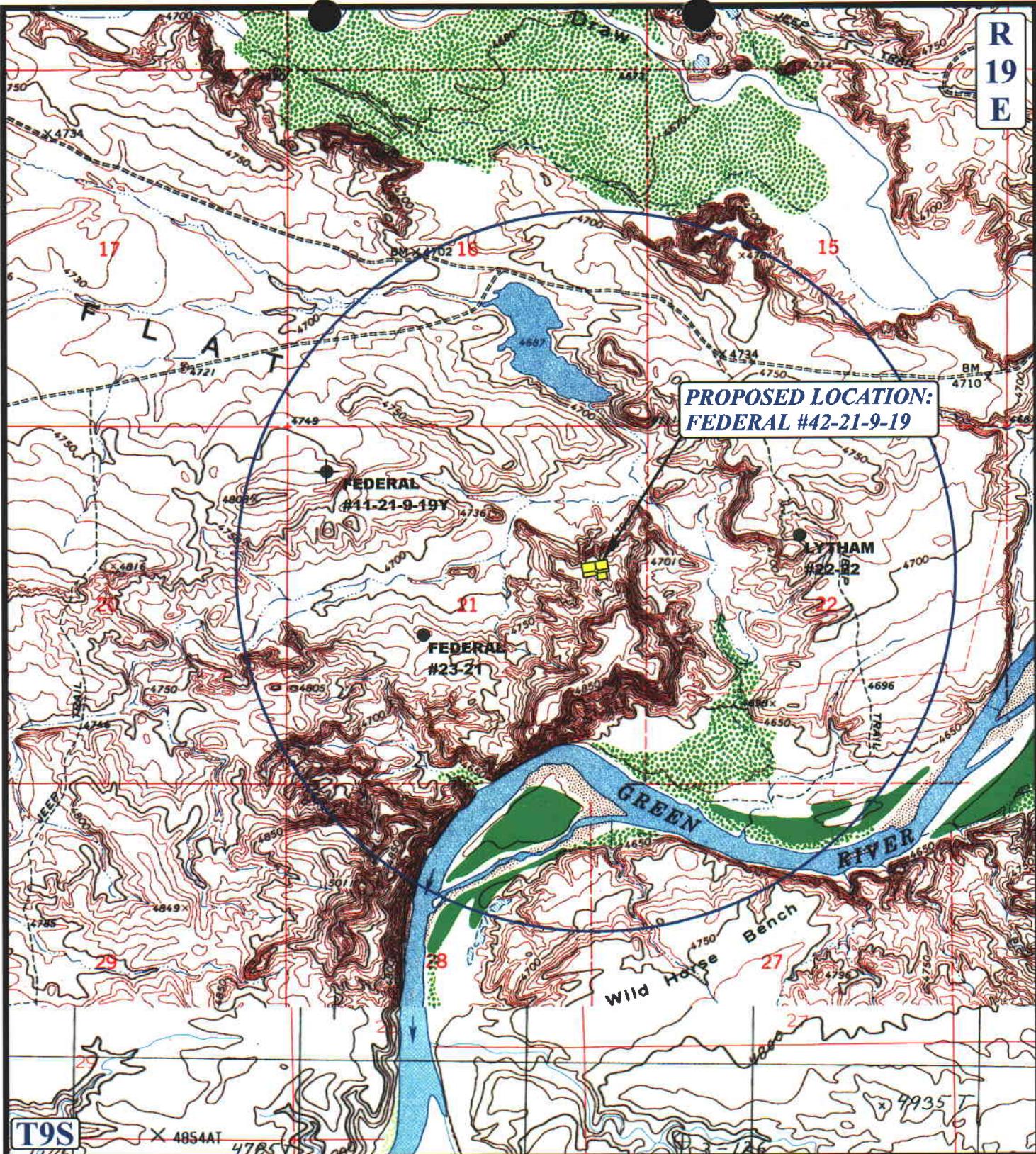
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 10 16 03
MAP MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 10-24-03



R
19
E



**PROPOSED LOCATION:
FEDERAL #42-21-9-19**

LEGEND:

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



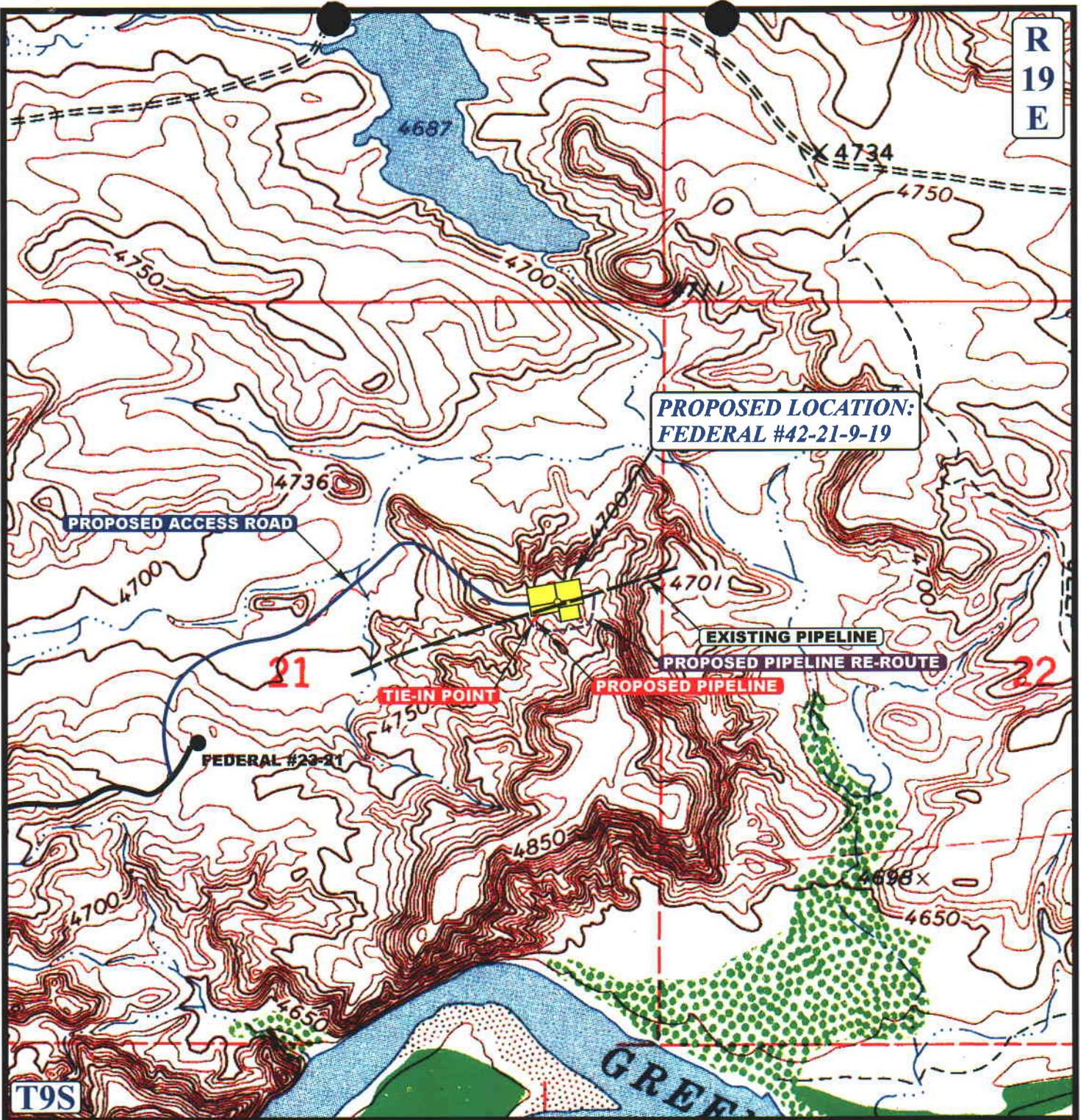
GASCO ENERGY, INC.

FEDERAL #42-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
2114' FNL 750' FEL

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

TOPOGRAPHIC MAP **10 16 03**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 10-24-03





APPROXIMATE TOTAL PIPELINE DISTANCE = 50' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 1,000' +/-

LEGEND:

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

GASCO ENERGY, INC.

FEDERAL #42-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
2114' FNL 750' FEL



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

TOPOGRAPHIC MAP **10 16 03**
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 10-24-03

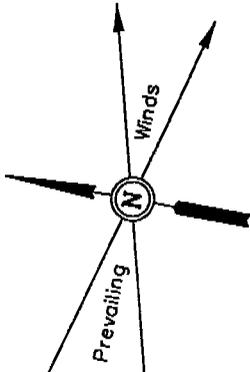


GASCO ENERGY, INC.

LOCATION LAYOUT FOR

FEDERAL #42-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.

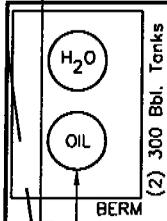
2114' FNL 750' FEL



SCALE: 1" = 50'
DATE: 12-15-03
Drawn By: C.G.

Tie-In Point

Access Road



METER

100'

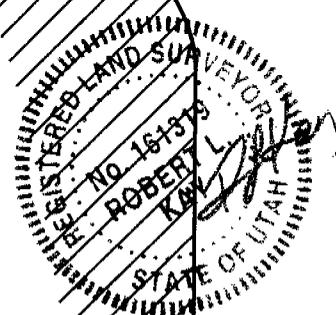
DEHYDRATOR

SEPERATOR

FLARE PIT

Buried Pipeline

Existing Pipeline



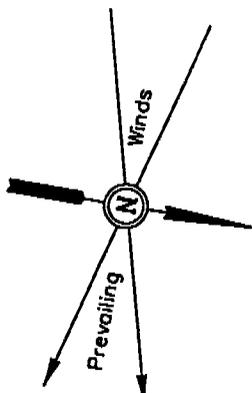
 RE-HABED AREA

GASCO ENERGY, INC.

LOCATION LAYOUT FOR

FEDERAL #42-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.

2114' FNL 750' FEL



F-12.5'
El. 62.8'

Sta. 3+80

SCALE: 1" = 50'
DATE: 10-16-03
Drawn By: C.G.
Revised: 10-21-03
Revised: 10-24-03
Revised: 10-29-03

Proposed Access Road

C-1.5'
El. 76.8'

C-1.2'
El. 76.5'

Round Corners
as Needed

Proposed Pipeline Re-Route

Approx.
Top of
Cut Slope

Pit Topsoil

FLARE PIT

El. 85.3'
C-18.0'
(btm. pit)

C-1.1'
El. 76.4'

C-1.6'
El. 76.9'

C-2.0'
El. 77.3'

20' WIDE BENCH

RIG DOG HOUSE

Sta. 1+80

F-6.7'
El. 68.6'

Reserve Pit Backfill
& Spoils Stockpile

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

10' WIDE BENCH

MUD TANKS

WATER

TRAILER

TOILET

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

FUEL

Approx.
Toe of
Fill Slope

RESERVE PITS
(8' Deep)

TRASH

Sta. 0+52

STORAGE
TANK

El. 83.6'
C-16.3'
(btm. pit)

20' WIDE BENCH

C-10.9'
El. 86.2'

C-12.4'
El. 87.7'

Sta. 0+00

C-12.0'
El. 87.3'

Topsoil Stockpile

F-3.3'
El. 72.0'

Elev. Ungraded Ground at Location Stake = 4777.3'
Elev. Graded Ground at Location Stake = 4775.3'

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

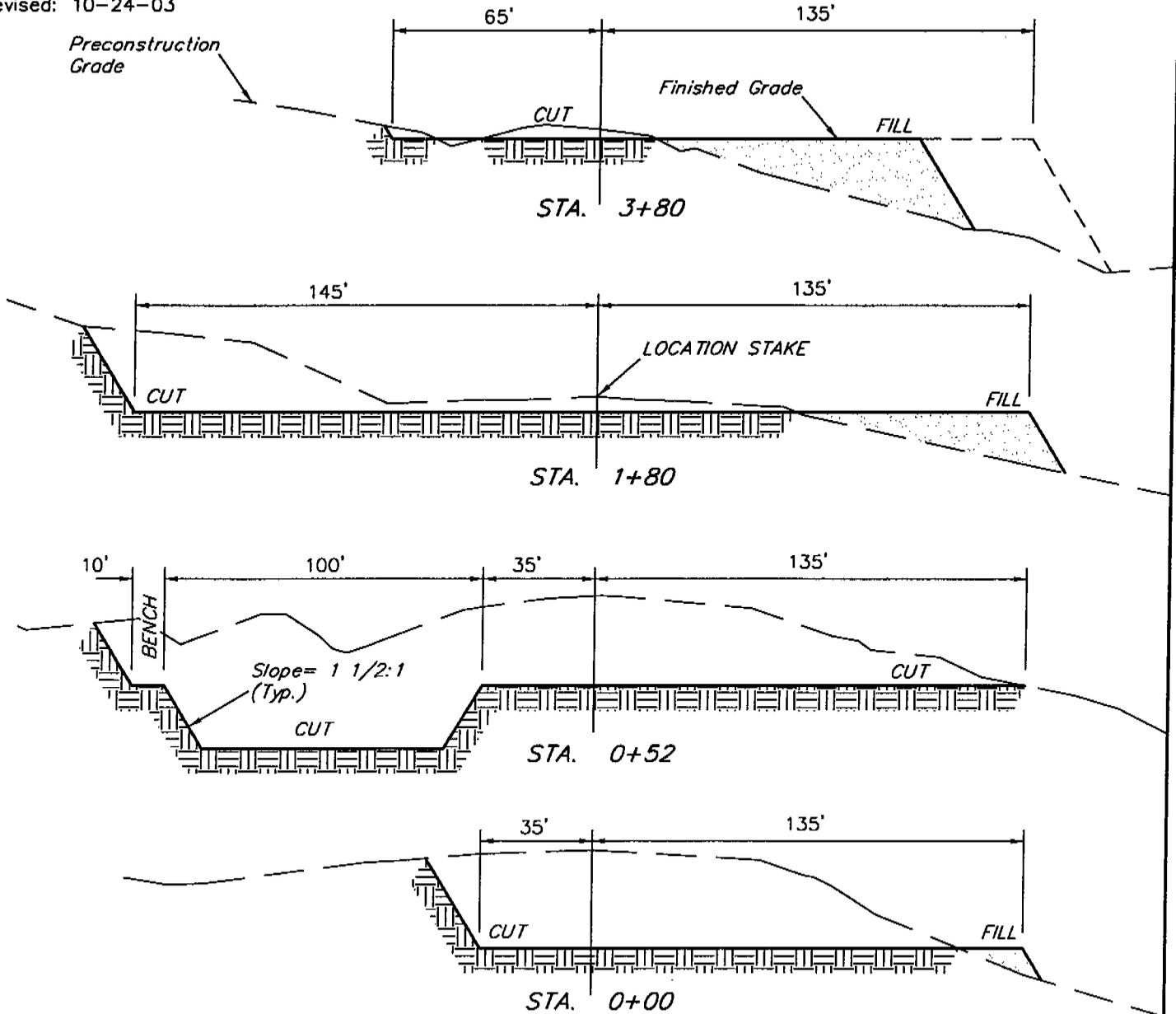
GASCO ENERGY, INC.

TYPICAL CROSS SECTIONS FOR

FEDERAL #42-21-9-19
SECTION 21, T9S, R19E, S.L.B.&M.
2114' FNL 750' FEL

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

DATE: 10-16-03
Drawn By: C.G.
Revised: 10-21-03
Revised: 10-24-03



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,660 Cu. Yds.
Remaining Location	= 12,520 Cu. Yds.
TOTAL CUT	= 14,180 CU.YDS.
FILL	= 10,440 CU.YDS.

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

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85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

FEDERAL STIPULATIONS AND TIMING RESTRICTIONS

Any wildlife stipulations that pertain to this lease will be attached as a Conditional of Approval by the Bureau of Land Management.



UTAH STATE COVER PAGE

Must Accompany All Project Reports
Submitted to Utah SHPO

Project Name: Class III cultural resources inventory for two proposed well locations, related accesses and pipeline route in Uintah County, Utah, for Gasco, Inc.

State Proj. No. **U03-GB-0974b**

Report Date: **10 November 2003**

County(ies): **Uintah**

Principal Investigator: **Carl E. Conner**

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

Records search completed at: **BLM Vernal**

Record search date(s): **10/29/2003**

Acreage Surveyed ~ Intensive: **31 acres**

Recon/Intuitive: **0 acres**

7.5' Series USGS Map Reference(s): **Uteland Butte 1964**

Sites Reported	Count	Smithsonian Site Numbers
Archaeological Sites Revisits (no inventory form update)	0	
Revisits (updated IMACS site inventory form attached)	0	
New recordings (IMACS site inventory form attached)	2	42UN3348, 42UN3357
Total Count of Archaeological Sites	2	
Historic Structures (USHS 106 site info form attached)	0	
Total National Register Eligible Sites	0	

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

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



**Summary Report of Cultural
Resources Inspection**

**Project No.: U03-GB-0974b
[GRI Project No. 2346]**

1. Report Title: **Class III cultural resources inventory for two proposed well locations, related accesses and pipeline route in Uintah County, Utah, for Gasco, Inc.**
2. Report Date: **11/10/2003**
3. Date(s) of Survey: **29 October 2003**
4. Development Company: **Gasco, Inc.**
5. Responsible Institution: **BLM Vernal Office**
6. Responsible Individuals Principal Investigator: Field Supervisor: **Carl E. Conner**
Report Author(s): **Carl E. Conner**
7. BLM Field Office: **Vernal Field Office**
8. County(ies): **Uintah**
9. Fieldwork Location: **T. 9 S., R. 19 E., Sections 21 and 22, S.L.B.M**
10. Record Search:
Location of Records Searched for BLM: **BLM Vernal** Date: **10/29/2003**
11. Description of Proposed Project: **Two well locations, related accesses and a pipeline route**
12. Description of Examination Procedures: **Class III, 100% pedestrian, cultural resources surveys of the proposed well locations were made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related access and pipeline routes not included within the 10-acre study plots were surveyed by walking four parallel transects spaced at 10m intervals and centered on the flagged lines to cover corridors 100 feet wide. A total of about 31.0 acres was intensively surveyed.**

13. Area Surveyed:	BLM	OTHER FED	STATE	PRI.
Linear Miles Intensive:	1.2 miles			
Recon/Intuitive:				
Acreage Intensive:	20			
Recon/Intuitive:				

14. Sites Recorded:

Smithsonian Site Numbers	#	BLM	OTHER FED	STATE	PRI.
Revisits NR Eligible	0				
(no IMACS form) Not Eligible	0				
Revisits NR Eligible	0				
updated IMACS) Not Eligible	0				
New Recordings NR Eligible	0				
Not Eligible	2	42UN3348 42UN3357			
Total Number of Archaeological Sites	2	42UN3348 42UN3357			
Historic Structures (USHS Form)	0				
Total National Register Eligible Sites	0				

15. Description of Findings: (see attached report) **No significant historic properties were identified within the areas of direct impact.**

16. Collection Yes No

(If Yes) Curation Facility:

Accession Number(s):

17. Conclusion/Recommendations: **Clearance is recommended.**

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

Declaration of Positive Findings

GRI Project No. 2346

10 November 2003

Prepared by

Grand River Institute
P.O. Box 3543
Grand Junction, Colorado 81502
BLM Antiquities Permit No. 03UT-54939
UDSH Project Authorization No. U03-GB-0974b



Carl E. Conner, Principal Investigator

Submitted to

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

Abstract

Grand River Institute conducted a Class III cultural resources inventory of two proposed well locations (Fed. #11-22-9-19 and Fed. #42-21-9-19), related accesses and a short pipeline route in Uintah County, Utah, for Gasco, Inc. under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U03-GB-0974b. This work was done to meet requirements of Federal and State laws that protect cultural resources.

A files search conducted through the BLM Vernal District Office on 29 October 2003 indicated site 42UN2843 was previously recorded adjacent to the new access route to the proposed Fed. #42-21-9-19 well location. That site was previously evaluated as non-significant and not eligible for listing on the NRHP, and was subsequently destroyed by the construction of the Fed. #23-21 well location.

Field work was performed on the 29th of October 2003. A total of about 31.0 acres of BLM administered land was inspected. Remnants of the previously recorded site (42UN2843) were relocated, but those findings elicited no change to the site's original field evaluation. One small, prehistoric lithic procurement site (42UN3348) and an historic cairn (42UN3357) were newly recorded in association with the inventory. Both were field evaluated as non-significant and no further work is advised. Accordingly, archaeological clearance is recommended for the proposed wells, new roads, and pipeline.

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Introduction

At the request of Gasco, Inc. and the Bureau of Land Management Vernal District Office (BLM), Grand River Institute (GRI) conducted a Class III cultural resources inventory of two proposed well locations (Fed. #11-22-9-19 and Fed. #42-21-9-19), related accesses and a short pipeline route in Uintah County, Utah, for Gasco, Inc. This was done under BLM Antiquities Permit No. 03UT-54939 and Utah Division of State History (UDSH) Project Authorization No. U03-GB-0974b. A files search conducted at BLM on 29 October 2003 and field work was performed on the same day. A total of about 31.0 acres of BLM administered lands was inspected. The file searches, survey and report were completed by Carl E. Conner (Principal Investigator) and Barbara J. Davenport of GRI.

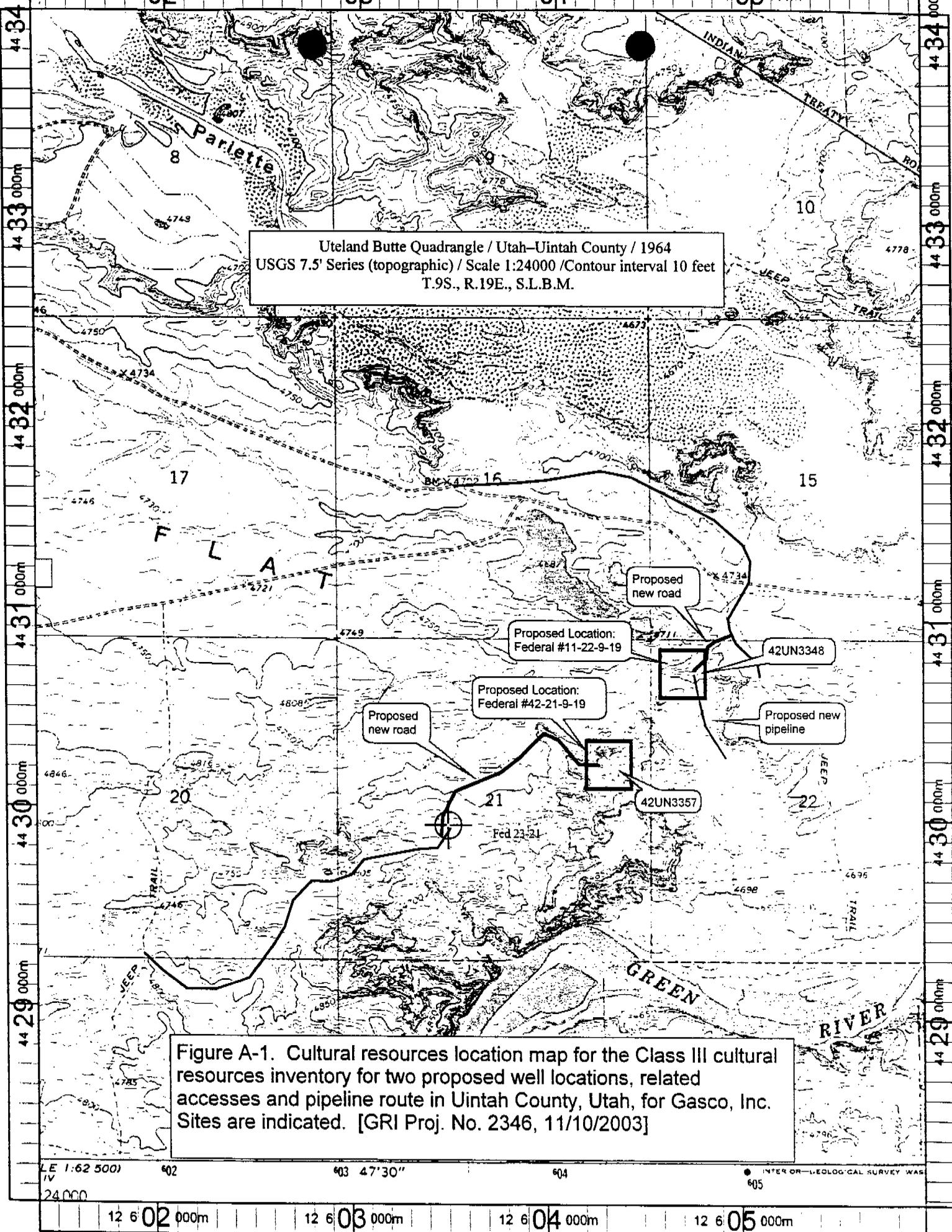
The survey was done to meet requirements of the Federal Land Policy and Management Act of 1976, the National Historic Preservation Act as amended in 1992, and the National Environmental Policy Act (NEPA) of 1969. These laws are concerned with the identification, evaluation, and protection of fragile,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

Location of Project Area

The study area lies about 32.0 south-southeast of Vernal, Utah, in Uintah County. The study areas are located in T. 9 S., R. 19 E., Sections 21 and 22; S.L.B.M. (Figure 1). The proposed Fed. #42-21-9-19 (Fed. #42-21) well location and its related 0.7 mile long, new access route lie in Section 21. The proposed Fed. #11-22-9-19 (Fed. #11-22) well location and its related 0.2 mile long, new access route and 0.3 mile long pipeline route is in Section 22.

Environment

The project areas are within the major geologic subdivision of the Colorado Plateau known as the Uinta Basin Section. In Utah, this section extends from the Uinta Mountains on the north to the Book Cliffs on the south. It is a broad downwarp into which Quaternary- and Tertiary-age deposits were made from the surrounding mountains which include Holocene and Pleistocene pediment deposits, and Eocene-age fluvial and lacustrine sedimentary rocks (Rigby 1976:xi). Physiographically, the basin includes the Uinta basin in the north portion and the Book Cliffs/Roan Plateau in the south portion. The lower Uinta Formation is the bedrock of the study area. Holocene and Pleistocene-age alluvium and colluvium occur as a veneer over the Uinta. It consists of channel and flood-plain stream deposits. Soils encountered were rocky, shaley, silty, and sandy loams, which are in general formed in residuum from the underlying formation. However, dunes are common in this region as well.



Uteland Butte Quadrangle / Utah-Uintah County / 1964
 USGS 7.5' Series (topographic) / Scale 1:24000 / Contour interval 10 feet
 T.9S., R.19E., S.L.B.M.

Figure A-1. Cultural resources location map for the Class III cultural resources inventory for two proposed well locations, related accesses and pipeline route in Uintah County, Utah, for Gasco, Inc. Sites are indicated. [GRI Proj. No. 2346, 11/10/2003]

Scale: 1:24,000
 UTM Zone 12N, Easting: 602, 603, 604, 605
 UTM Northing: 4429000m, 4430000m, 4431000m, 4432000m, 4433000m, 4434000m

Elevation in the project area averages 4730 feet. The terrain is characterized as bench land that is cut by dendritic washes. Vegetation is a shadscale desert community. Regional faunal inhabitants include deer, antelope, elk, black bear, coyote, mountain lion, cottontails, jack rabbits, and various raptors.

A cool, mid-latitude steppe climate prevails. Annual precipitation of this elevation range is between 10 and 14 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

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. 5, Sample Inventories of Oil and Gas Fields in Eastern Utah (Nickens and Larralde 1980). [Some of the sampling areas for this inventory (047-214) were conducted near the present project area.]

A files search conducted through the BLM Vernal District Office on 29 October 2003 indicated site 42UN2843 was previously recorded adjacent to the new access route to the proposed Fed. #42-21-9-19 well location. That site was previously evaluated as non-significant and not eligible for listing on the NRHP, and was subsequently destroyed by the construction of the Fed. #23-21 well location. These findings are reported in Project No. U01-MM-0410b (Pennefather-O'Brian 2001). A pipeline that now connects the Fed. #23-21 well to the two considered for this project was reported in Project No. U03-AY-0103 (Truesdale 2003). Other inventories in the vicinity of this project area are U01-MM-409b, U98-AF-444b, and U86-BL800b. Few other sites are recorded within a mile of the project area. Of those that are, one is a large open lithic procurement area focused on a local gravel deposit (42UN1181), and another is a small, lithic reduction area (42UN873).

Study Objectives

The purpose of the study was to identify and record all cultural resources within the areas of potential impact and to assess their significance and eligibility to the National Register of Historic Places (NRHP). The statements of significance included in this report are field assessments made in support of recommendations to the BLM and State Historic

Preservation Officer (SHPO), and the final determination of site significance is made by the BLM in consultation with the SHPO.

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

Field Methods

A Class III, 100% pedestrian, cultural resources survey of the proposed well locations was made by walking a series of concentric circles around the flagged centers to diameters of 750 feet. The related access and pipeline routes not included within the 10-acre study plots were surveyed by walking four parallel transects spaced at 10m intervals and centered on the flagged lines to cover corridors 100 feet wide. A total of about 31.0 acres was intensively surveyed.

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

The basic approach GRI uses in data collection is the mapping of observed artifacts and features using Garmin GPS V units. Photographs are taken of each site and include a general view and specific artifacts or features. One crew member would map, while the other crew members took notes regarding the sites' soil, vegetation, geology and cultural artifacts or architecture. Field notes and photo negatives are filed at Grand River Institute, while the photographs are submitted to the BLM and UDSH.

Study Findings and Management Recommendations

As expected, cultural resources were encountered during the survey. A very low density scatter of lithic debris was observed along the border of site 42UN2843 along the proposed access road to the Fed. #42-21 location and on the northwest side of the existing Fed. 23-21 well pad. Since the site was previously evaluated as non-significant, these materials were given no further consideration by this project.

One historic site (42UN3357), which includes an upright slab and a small rock cairn, was identified in the 10-acre study area for the proposed Fed. #42-21 well. One small,

prehistoric lithic procurement site (42UN3348) was newly recorded in association with the inventory for the Fed. #11-22 well location.

This portion of the report presents a discussion of site significance evaluation, describes the sites and provides their field evaluations. Appendix A contains the resources' location data and the IMACS site forms.

Site Significance

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

The Code of Federal Regulations was used as a guide for the in-field site evaluations. Titles 36 CFR 50, 36 CFR 800, and 36 CFR 64 are concerned with the concepts of significance and (possible) historic value of cultural resources. Titles 36 CFR 65 and 36 CFR 66 provide standards for the conduct of significant and scientific data recovery activities. Finally, Title 36 CFR 60.6 establishes the measure of significance that is critical to the determination of a site's NRHP eligibility, which is used to assess a site's research potential:

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

Site Descriptions

Site 42UN3348 is a low density lithic procurement site focused on a sparse gravel deposit situated on a finger ridge. The average elevation is 4715 feet and vegetation on site is shadscale community. A few artifacts are spread across an area that measures approximately 215 meters (NE-SW) by 75 meters. Thirteen items were found that appear to be culturally produced artifacts. Eight are large flakes, and three of those appear to have

been utilized—possibly for butchering purposes. One is a bifacial core, and two are fragments of bifaces, which might also indicate procurement of these gravels for butchering purposes. One of the artifacts was made of a banded chert while the remaining were of quartzite. No features or diagnostic artifacts were encountered, and there appears to be no potential for significant subsurface cultural deposits.

Evaluation and Management Recommendation

This site is unlikely to contribute significant information concerning the prehistoric occupation of the Uinta Basin area of Northeastern Utah. Accordingly, it is field evaluated as non-significant and not eligible for listing on the National Register of Historic Places. No further work is recommended.

Site 42UN3357 consists of an apparent historic boundary marker and a rock cairn. The boundary marker is a sandstone slab placed in an upright position. Exposed above ground, the slab measures 20 inches high by 14 inches wide by 4 inches thick. The rock cairn is located about 260 feet north of the slab and consists of several locally derived sandstone clasts piled to hold an upright one. It is aligned roughly to the north of the buried slab and thus the assumption was made that the two may have indicated a boundary marker of sorts. There appears to be no potential for significant subsurface cultural deposits.

Evaluation and Management Recommendation

This site is unlikely to contribute significant information concerning the historic occupation of the Uinta Basin area of Northeastern Utah. Accordingly, it is field evaluated as non-significant and not eligible for listing on the National Register of Historic Places. No further work is recommended. [Notably, the upright slab will be avoided by the presently staked well pad.]

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 a prehistoric lithic procurement site and an historic boundary marker locality. Neither were considered significant resources and are field evaluated as not eligible for nomination to the National Register of Historic Places. Accordingly, archaeological clearance is recommended for the proposed wells, new roads, and pipeline.

References

Larralde, Signa L. and Susan M. Chandler

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

Pennefather-O'Brian, E.

- 2001 Pannonian Energy, Inc. four well pads and access roads Class III cultural resources inventory in Uintah County, Utah. (Ref. No. U01-MM-0410b; Metcalf Archaeological Consultants, Inc.) Ms on file, Bureau of Land Management, Vernal District Office.

Rigby, J. Keith

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

Truesdale, James A.

- 2003 Gasco/Pannonian Energy, Inc. cultural resources inventory for a proposed pipeline in Uintah County, Utah. (Ref. No. U03-AY-0103b; An Independent Archaeologist.) Ms on file, Bureau of Land Management, Vernal District Office.

APPENDIX A: IMACS Forms

PIPELINE INFORMATION
Gasco Federal #42-21-9-19

1. The type of pipeline is a gathering system.
2. The outside diameters (O.D.) of all pipe is 4 inches.
3. The anticipated production through the line is 3000 MCF per day.
4. The anticipated maximum test pressure is 1000 psi.
5. The anticipated operating pressure is 200 psi.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. No other pipelines are to be associated in same trench.
9. No other objects are to be associated in same trench.
10. The total length of pipeline is approximately 50 feet.
11. The pipe will be laid on the surface of the ground. See Map D attached.
12. The construction width needed for total surface disturbing activities is 30 feet.
13. The estimate of total acreage involving all surface disturbing activities .03 acres.
14. Valves will be located at each end. Sphere launchers at the well site are also possible in the future.
15. Reclamation procedures will include recontouring to original surface features, and reseeding as required by the BLM. Pipe will be welded on location and dragged cross-country with a bulldozer.



GASCO
Energy Inc



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

Attn: Minerals

Re: All wells
Uintah County, Utah

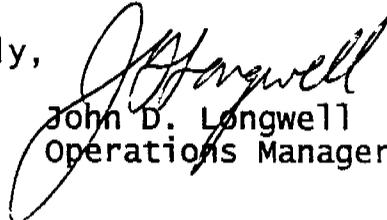
Gentlemen:

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

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

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

Sincerely,


John D. Longwell
Operations Manager

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/29/2003

API NO. ASSIGNED: 43-047-35405

WELL NAME: FED 42-21-9-19

OPERATOR: PANNONIAN ENERGY INC (N1815)

CONTACT: LISA SMITH

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

SENE 21 090S 190E
SURFACE: 2114 FNL 0750 FEL
BOTTOM: 2114 FNL 0750 FEL
UINTAH
PARIETTE BENCH (640)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-78433

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: CSLGT

LATITUDE: 40.01775

LONGITUDE: 109.77809

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-1233)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-1723)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

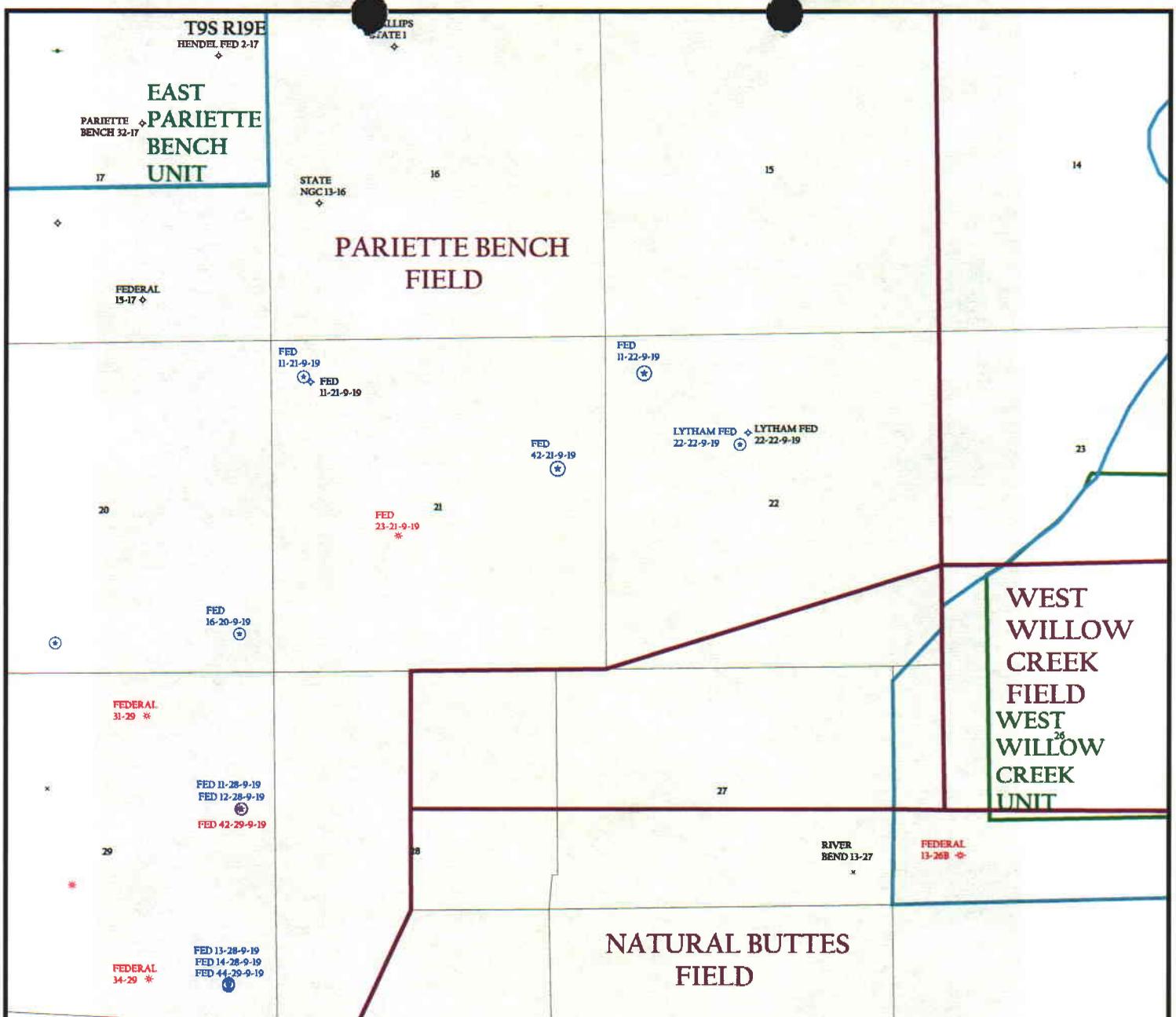
LOCATION AND SITING:

- R649-2-3.
- Unit _____
- 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 Spacing



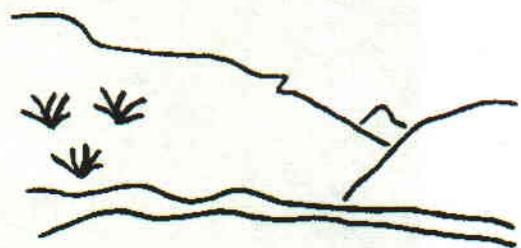
OPERATOR: PANNONION ENERGY INC (N1815)

SEC. 21 T.9S, R.19E

FIELD: PARIETTE BENCH (640)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

Wells

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

Unit Status

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

Field Status

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



PREPARED BY: DIANA WHITNEY
DATE: 29-DECEMBER-2003



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

December 29, 2003

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

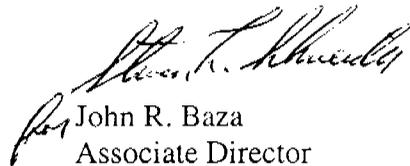
Re: Federal #42-21-9-19 Well, 2114' FNL, 750' FEL, SE NE, Sec. 21, T. 9 South, R. 19 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35405.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

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

Operator: GASCO Energy, Inc./Pannonian Energy, Inc.
Well Name & Number Federal #42-21-9-19
API Number: 43-047-35405
Lease: UTU-78433

Location: SE NE Sec. 21 T. 9 South R. 19 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

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

Request to Transfer Application or Permit to Drill

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

Well name:	42-21-9-19
API number:	43-047-35405
Location:	SENE 21 Township 9S Range 19E
Company that filed original application:	Pannanican Energy, Inc
Date original permit was issued:	12/29/03
Company that permit was issued to:	Pannanican Energy, Inc.

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

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed? N/A	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>427763-UT/233</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Name (please print) Mark J. Gray Title Land Manager **RECEIVED**
 Signature *Mark J. Gray* Date 4/20/04 **APR 22 2004**
 Representing (company name) Casco Production Company DIV. OF OIL, GAS & MINING

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: see attached list
2. NAME OF OPERATOR: Gasco Production Company N2575		9. API NUMBER:
3. ADDRESS OF OPERATOR: 114 Inverness Dr. East CITY Englewood STATE CO ZIP 80112		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> 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>name change</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.

Pannonian Energy, Inc. changed its name to Gasco Production Company effective February 24, 2004
N1815
BLM Bond = UT1233
SITLA Bond = 4127764

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

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

(This space for State use only)

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

005

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/24/2004

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

CA No.

Unit:

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number n/a
2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3106
(UT-924)

May 18, 2004

Memorandum

To: Vernal Field Office, Moab Field Office
From: Chief, Branch of Minerals Adjudication
Subject: Name Change Approval

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

/s/ Robert Lopez

Robert Lopez
Chief Branch of
Minerals Adjudication

Enclosure

1. State of Utah Certificate of Registration

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

RECEIVED

MAY 20 2004

DIV. OF OIL, GAS & ...

Nordstrom:05/18/2004

Delaware

PAGE 1

The First State

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

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



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2963993

DATE: 03-02-04

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

CONFIDENTIAL K

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

006 APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-78433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator GASCO Energy, Inc./Pannonian Energy, Inc.		7. If Unit or CA Agreement, Name and No. N/A
3. Name of Agent Permitco Inc. - Agent		8. Lease Name and Well No. Federal #42-21-9-19
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 2114' FNL and 750' FEL At proposed prod. zone SE NE		9. API Well No. 43-047-35405
14. Distance in miles and direction from nearest town or post office* Approximately 28.2 miles Southeast of Myton, UT		10. Field and Pool, or Exploratory Riverbend
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2114'	16. No. of Acres in lease 996.37	11. Sec., T., R., M., or Blk. and Survey or Area Section 21, T9S-R19E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2700'	17. Spacing Unit dedicated to this well N/A	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4777' GL	19. Proposed Depth 11,700'	13. State UT
22. Approximate date work will start* Summer, 2004	20. BLM/BIA Bond No. on file Bond #UT-1233	23. Estimated duration 30 Days

24. Attachments

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

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

CONFIDENTIAL-TIGHT HOLE

25. Signature 	Name (Printed/Typed) Lisa L. Smith	Date 12/26/2003
Title Authorized Agent for GASCO Energy, Inc./Pannonian Energy, Inc.		
Approved by (Signature) 	Name (Printed/Typed) ACTING Assistant Field Manager	Date 6/21/04
Title ACTING Assistant Field Manager	Office Mineral Resources	

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.

NOTICE OF APPROVAL

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)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
JUN 28 2004
DIV. OF OIL, GAS & MININ'

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Gasco Energy, Inc.

Well Name & Number: Federal 42-21-9-19

Lease Number: U-78433

API Number: 43-047-35405

Location: SENE Sec. 21, T.9S R. 19E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

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

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

1. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

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

3. Casing Program and Auxiliary Equipment

In addition to the cementing proposal for the surface casing, Class G neat cement shall be placed within the surface casing-conductor annulus from the surface down to a minimum of 200'

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

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

To evaluate cement quality across the usable water zone, a Cement Bond Log will be required from the surface casing shoe to the base of the conductor pipe.

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

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

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

-Due to the well being located near the Eight Mile Flat 100 year floodplain, the reserve pit shall be lined first with a felt liner prior to installing the nylon re-enforced plastic liner.

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

-No construction or drilling will be allowed during the golden eagle nesting season (Feb. 1 to July 15). The nest which is located within ½ mile of this location will be monitored during the 2004 nesting season. If the nest becomes active, no drilling will be allowed until the nest has been inactive for a period of two consecutive years.

-To avoid displacement of waterfowl in the Pariette Wetlands, there shall be no construction or drilling from March 1 to May 25.

-Once the reserve pit has been reclaimed, the location shall be ditched on the south side to divert runoff water off the location.

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

CONFIDENTIAL

008

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number UTU-78433
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement N/A
		9. Well Name and Number Federal #42-21-9-19
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 43-047-35405
2. Name of Operator Gasco Production Company		11. Field and Pool, or Wildcat Riverbend
3. Address of Operator 14 Inverness Drive East, Suite #H236, Englewood, CO 80112	4. Telephone Number 303/483-0044	
5. Location of Well Footage : 2114' FNL and 750' FEL County : Uintah QQ, Sec, T., R., M. : SE NE, Sec. 21, T9S - R19E State : Utah		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Gasco Production Company requests a one year extension of the subject APD.

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

SENT TO OPERATOR
1-20-05
CHD

RECEIVED
JAN 11 2005
DIV OF OIL & GAS MINING

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

Name & Signature <u>Venessa Langmachey</u>	Title <u>Consultant for Gasco Production Company</u>	Date <u>01/03/05</u>
--	--	----------------------

(State Use Only)

Application for Permit to Drill
Request for Permit Extension
Validation

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

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

API: 43-047-35405

Well Name: Federal #42-21-9-19

Location: SE NE 2114' FNL and 750' FEL, Section 21, T9S - R19E

Company Permit Issued to: Gasco Production Company

Date Original Permit Issued: 12/29/2003

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

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

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

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

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

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

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

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

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


Venessa Langmacher - Permitco Inc.

January 11, 2005

Date

Title: Consultant for Gasco Production Company

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: GASCO PRODUCTION COMPANY

Well Name: FED 42-21-9-19

Api No: 43-047-35405 Lease Type: FEDERAL

Section 21 Township 09S Range 19E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

SPUDDED:

Date 08/31/05

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by CRAIG OVERMILLER

Telephone # 1-435-828-7151

Date 08/31/2005 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
MAR - 2 2005

5. Lease Serial No. UTU-78433

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

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

8. Well Name and No.
Federal #42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
Riverbend

11. County or Parish, State
Uintah County, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2114' FNL and 750' FEL
SE NE, Section 21, T9S - R19E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Request for Extension of APD
	<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.)

The APD for this well was previously approved by your office and will expire on June 21, 2005. We are requesting that you extend this permit for an additional 12 month period.

RECEIVED
SEP 09 2005

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

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

Name (Printed/Typed) Venessa Langmacher	Title Consultant for Gasco Production Company
Signature <i>Venessa Langmacher</i>	Date March 11, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Mark Baker</i>	Title Petroleum Engineer	Date AUG 02 2005
----------------------------------	-----------------------------	---------------------

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

Office

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

CONDITIONS OF APPROVAL

Gasco Production Co.

Notice of Intent APD Extension

Lease: UTU-78433
Well: Federal #42-21-9-19
Location: SENE Sec.21-T9S-R19E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 06/21/06
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

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

FORM 6

ENTITY ACTION FORM

Operator: Gasco Energy, Inc
Address: 8 Inverness Drive East, Suite 100
Englewood
Co 80112

Operator Account Number: N 2575
Phone Number: (303) 483-0044

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735405	Federal 42-21-9-19		SENE	21	9S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14928	8/31/2005		9/15/05		
Comments: <u>CSLGT</u>				CONFIDENTIAL			

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)

Beverly J Walker

Name (Please Print)

Engineering Tech

Title

9/12/2005

Date

(5/2000)

RECEIVED
SEP 12 2005

DIV. OF OIL, GAS & MINING

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

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

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
Federal 42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
Riverbend

11. County or Parish, State
Uinah County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2114' FNL & 750' FEL
SE NE of Section 21-T9S-R19E**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Well Spud</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 on 8/31/2005

RECEIVED
APR 26 2006

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

Name (Printed/Typed) Beverly Walker	Title Engineering Technician	DIV. OF OIL, GAS & MINING
Signature <i>Beverly Walker</i>	Date April 24, 2006	

THIS SPACE FOR FEDERAL OR STATE USE

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

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

Instructions on reverse



CONFIDENTIAL

NOV 02 2006
RECEIVED

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

RECEIVED

NOV 07 2006

Attn: Carol Daniels

DIV. OF OIL, GAS & MINING

October 30, 2006

Dear Ms. Daniels:

Gasco Production Company will soon be drilling the Federal 42-21-9-19, SENE¹⁹ 20-9S-19E, Uintah County, Utah. The API Number for this well is 43-047-35405.

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

Yours truly,

Robin Dean
Geological Manager
Gasco Energy, Inc.



GASCO ENERGY

DAILY DRILLING REPORT

T095 R19E S-19 J1
43-049-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth:		Prog. depth:		Date: 11/14/2006		Days since spud:			
Current: Operations: PREP TO DRILL OUT FC AND FS												
Depth: 3545'			Prog:		D Hrs:		AV ROP:		#DIV/0!		Formation:	
DMC:			TMC: \$0			TDC: \$26,478		CWC: \$453,073				
Contractor:				Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST		
MW:	#1		Bit #:	1		Conductor: \$ -		Loc, Cost: \$ -				
VIS:	SPM:		Size:	7-7/8"		Surf. Csg: \$ -		Rig Move: \$ -				
PV/YP:	#2		Type:	HC504ZX		Int. Csg: \$ -		Day Rate: \$ 18,241				
Gel:	SPM:		MFG:	HTC		Prod Csg: \$ -		Rental Tools: \$ 1,835				
WL:	GPM:		S/N:	7111681		Float Equip: \$ -		Trucking: \$ -				
Cake:	Press:		Jets:	6-16's		Well Head:		Water: \$ -				
Solids:	AV DC:		TD Out:			TBG/Rods: \$ -		Fuel: \$ -				
Sand:	AV DP:		Depth In:	3545		Packers: \$ -		Mud Logger: \$ -				
PH:	JetVel:		FTG:	0		Tanks: \$ -		Logging: \$ -				
P/Mf:	ECD:		Hrs:			Separator: \$ -		Cement: \$ -				
Chlor:	SPR #1:		FPH:			Heater: \$ -		Bits: \$ -				
Ca:	SPR #2:		WOB:			Pumping L/T: \$ -		Mud Motors: \$ -				
Dapp ppb:	Btm.Up:		R-RPM:			Prime Mover: \$ -		Corrosion: \$ -				
Time Break Down:			Total D.T.		M-RPM:		Misc: \$ -		Consultant: \$ 850			
START	END	TIME			Total Rot. Hrs:		Daily Total: \$ -		Drilling Mud: \$ -			
06:00	15:30	9:30	RU FLOOR, MU CHOKE LINE, PU SWIVEL AND KELLY					Misc. / Labor: \$ 1,652				
15:30	17:30	2:00	MOVE AND TALLY DC AND DP					Csg. Crew: \$ 3,900				
17:30	21:00	3:30	PRESSURE TEST BOP, HCR, MANIFOLD					Daily Total: \$ 26,478				
21:00	22:00	1:00	PU BIT, MM, AND IBS					Cum. Wtr: \$ 7,049				
22:00	23:00	1:00	RU WEATHERFORD LAYDOWN MACHINE					Cum. Fuel \$ 13,018				
23:00	01:00	2:00	PU DC					Cum. Bits: \$ -				
01:00	05:00	4:00	PU DP					BHA				
05:00	06:00	1:00	RD WEATHERFORD LD MACHINE					BIT	1	1.00		
06:00								0.13 MM	1	35.55		
0								IBS	1	4.48		
0								DC	1	30.20		
0								IBS	1	4.45		
0								DC	15	462.83		
0								RECEIVED				
0								NOV 14 2006				
0								DIV. OF OIL, GAS & MINING				
0								TOTAL BHA =		538.51		
0								Survey				
0								Survey				
		24.00										
P/U	K#	LITH:						BKG GAS				
S/O	K#	FLARE:						CONN GAS				
ROT.	K#	LAST CSG.RAN:	8 5/8"	SET @	3545'						PEAK GAS	
FUEL	Used:	On Hand:	6601	Co.Man	V GUINN						TRIP GAS	



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

CONFIDENTIAL
T095 R19E S-19 21
43-047-35405

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/15/2006			Days since spud: 1				
Current: Operations: DRILLING																
Depth: 4784'			Prog: 1239			D Hrs: 19 1/2			AV ROP: 63.5			Formation: GREEN RIVER				
DMC: \$250			TMC: \$3,522			TDC: \$28,105			CWC: \$454,700							
Contractor:						Mud Co: M-I Drig. Fluids			TANGIBLE COST			INTANGIBLE COST				
MW:	F	#1 F-1000 3.5 gpm			Bit #:	1			Conductor:	\$ -			Loc. Cost:	\$ -		
VIS:	R	SPM:			Size:	7-7/8"			Surf. Csg:	\$ -			Rig Move:	\$ -		
PV/YP:	E	#2 F-1000 3.5 gpm			Type:	HC504ZX			Int. Csg:	\$ -			Day Rate:	\$ 19,833		
Gel:	S	SPM: 115			MFG:	HTC			Prod Csg:	\$ -			Rental Tools:	\$ 1,870		
WL:	H	GPM: 403			S/N:	7111681			Float Equip:	\$ -			Trucking:	\$ -		
Cake:	W	Press: 750			Jets:	6-16's			Well Head:				Water:	\$ -		
Solids:	A	AV DC: 319			TD Out:				TBG/Rods:	\$ -			Fuel:	\$ -		
Sand:	T	AV DP: 219			Depth In:	3545			Packers:	\$ -			Mud Logger:	\$ -		
PH :	E	JetVel: 103			FTG:	1239'			Tanks:	\$ -			Logging:	\$ -		
Pf/Mf:	R	ECD: 8.6			Hrs:	19.5			Separator:	\$ -			Cement:	\$ -		
Chlor:	11000	SPR #1: 67-250			FPH:	63.5			Heater:	\$ -			Bits:	\$ -		
Ca :	100	SPR #2:			WOB:	15-25			Pumping L/T:	\$ -			Mud Motors:	\$ -		
Dapp ppb:		Btm.Up: 15			R-RPM:	55			Prime Mover:	\$ -			Corrosion:	\$ -		
Time Break Down:			Total D.T.			M-RPM: 52			Misc: \$ -			Consultant: \$ 850				
START	END	TIME		Total Rot. Hrs:			19.5			Daily Total: \$ -			Drilling Mud: \$ -			
06:00	09:00	3:00		DRLG CMT, FLOAT, AND SHOE						Misc. / Labor: \$ 1,652						
09:00	09:30	0:30		DRLG 3544' - 3578' (34' @ 68.0 FPH).						Csg. Crew: \$ 3,900						
09:30	10:00	0:30		WIRELINE SURVEY @ 3578', 1.5°. FIT RUN 500#/ 15 MIN.						Daily Total: \$ 28,105						
10:00	13:00	3:00		DRLG 3578' - 3800' (222' @ 74.0 FPH).						Cum. Wtr: \$ 7,049						
13:00	13:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.						Cum. Fuel \$ 13,018						
13:30	00:00	10:30		DRLG 3800' - 4529' (729' @ 69.4 FPH).						Cum. Bits: \$ -						
00:00	00:30	0:30		WIRELINE SURVEY @ 4490', 1.5°.						BHA						
00:30	06:00	5:30		DRLG 4529' - 4784' (255' @ 46.4 FPH).						BIT	1	1.00				
06:00										0.13 MM	1	35.55				
0										IBS	1	4.48				
0										DC	1	30.20				
0										IBS	1	4.45				
0										DC	15	462.83				
0				RECEIVED												
0				NOV 15 2006												
0				DIV. OF OIL, GAS & MINING												
0										TOTAL BHA =			538.51			
										Survey	1½°	3578'				
										Survey	1½°	4490'				
		24.00														
P/U	120 K#		LITH:		BKG GAS						120					
S/O	110 K#		FLARE:		CONN GAS						200					
ROT.	115 K#		LAST CSG.RAN:		8 5/8"		SET @		3545'		PEAK GAS			800		
FUEL	Used:	259		On Hand:	6342		Co.Man		V GUINN		TRIP GAS					



GASCO ENERGY

DAILY DRILLING REPORT

T099 R19E S19N
43-047-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/16/2006			Days since spud: 2						
Current: Operations: DRILLING																		
Depth: 5930'			Prog: 1146			D Hrs: 23			AV ROP: 49.8			Formation: WASATCH						
DMC: \$7,160			TMC: \$10,682						TDC: \$36,374			CWC: \$521,074						
Contractor:						Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST						
MW:	F	#1 F-1000 3.5 gpm			Bit #:	1			Conductor:	\$ -			Loc, Cost:	\$ -				
VIS:	R	SPM:			Size:	7-7/8"			Surf. Csg:	\$ -			Rig Move:	\$ -				
PV/YP:	E	#2 F-1000 3.5 gpm			Type:	HC504ZX			Int. Csg:	\$ -			Day Rate:	\$ 19,833				
Gel:	S	SPM: 115			MFG:	HTC			Prod Csg:	\$ -			Rental Tools:	\$ 1,870				
WL:	H	GPM:	403		S/N:	7111681			Float Equip:	\$ -			Trucking:	\$ 420				
Cake:	W	Press:	750		Jets:	6-16's			Well Head:				Water:	\$ 6,241				
Solids:	A	AV DC:	319		TD Out:				TBG/Rods:	\$ -			Fuel:	\$ -				
Sand:	T	AV DP:	219		Depth In:	3545			Packers:	\$ -			Mud Logger:	\$ -				
PH :	E	JetVel:	103		FTG:	2385'			Tanks:	\$ -			Logging:	\$ -				
Pf/Mf:	R	ECD:	8.6		Hrs:	42.5			Separator:	\$ -			Cement:	\$ -				
Chlor:	11000	SPR #1 :	67-250		FPH:	56.1			Heater:	\$ -			Bits:	\$ -				
Ca :	100	SPR #2 :			WOB:	15-20			Pumping L/T:	\$ -			Mud Motors:	\$ -				
Dapp ppb:	4.9	Btm.Up:	15		R-RPM:	55			Prime Mover:	\$ -			Corrosion:	\$ -				
Time Break Down:			Total D.T.			M-RPM:			52			Misc:	\$ -			Consultant:	\$ 850	
START	END	TIME				Total Rot. Hrs:			42.5			Daily Total:	\$ -			Drilling Mud:	\$ 7,160	
06:00	16:00	10:00	DRLG 4784' - 5327' (543' @ 54.3 FPH).									Misc. / Labor:	\$ -					
16:00	16:30	0:30	RIG SER, TEST HYD, PIPE RAMS AND HCR.									Csg. Crew:	\$ -					
16:30	21:00	4:30	DRLG 5327' - 5549' (222' @ 49.3 FPH).									Daily Total:	\$ 36,374					
21:00	21:30	0:30	WIRELINE SURVEY @ 5501', 2 1/4".									Cum. Wtr:	\$ 13,290					
21:30	06:00	8:30	DRLG 5549' - 5930' (381' @ 44.8 FPH).									Cum. Fuel	\$ 13,018					
												Cum. Bits:	\$ -					
												BHA						
												BIT	1	1.00				
												0.13 MM	1	35.55				
												IBS	1	4.48				
												DC	1	30.20				
												IBS	1	4.45				
												DC	15	462.83				
RECEIVED																		
NOV 16 2006																		
DIV. OF OIL, GAS & MINING																		
												TOTAL BHA =	538.51					
												Survey	1 1/2°	4489'				
												Survey	2 1/4°	5501'				
P/U	134 K#	LITH:									BKG GAS	200						
S/O	130 K#	FLARE:									CONN GAS	300						
ROT.	132 K#	LAST CSG.RAN:			8 5/8"	SET @	3545'			PEAK GAS	1100							
FUEL	Used:	1322	On Hand:	5020		Co.Man			V GUINN			TRIP GAS						



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S1921
43040-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/17/2006			Days since spud: 3			
Current: Operations: DRILLING															
Depth: 7010'			Prog: 1080			D Hrs: 23			AV ROP: 47.0			Formation: WASATCH			
DMC: \$1,455			TMC: \$12,138			TDC: \$24,008			CWC: \$508,708						
Contractor:						Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST			
MW:	F	#1 F-1000 3.5 gpm			Bit #:	1			Conductor:	\$ -			Loc.Cost:	\$ -	
VIS:	R	SPM:			Size:	7-7/8"			Surf. Csg:	\$ -			Rig Move:	\$ -	
PV/YP:	E	#2 F-1000 3.5 gpm			Type:	HC504ZX			Int. Csg:	\$ -			Day Rate:	\$ 19,833	
Gel:	S	SPM: 115			MFG:	HTC			Prod Csg:	\$ -			Rental Tools:	\$ 1,870	
WL:	H	GPM: 403			S/N:	7111681			Float Equip:	\$ -			Trucking:	\$ -	
Cake:	W	Press: 1050			Jets:	6-16's			Well Head:				Water:	\$ -	
Solids:	A	AV DC: 319			TD Out:				TBG/Rods:	\$ -			Fuel:	\$ -	
Sand:	T	AV DP: 219			Depth In:	3545			Packers:	\$ -			Mud Logger:	\$ -	
PH :	E	JetVel: 103			FTG:	3465'			Tanks:	\$ -			Logging:	\$ -	
Pf/Mf:	R	ECD: 8.6			Hrs:	65.5			Separator:	\$ -			Cement:	\$ -	
Chlor:	11000	SPR #1: 54-230			FPH:	52.9			Heater:	\$ -			Bits:	\$ -	
Ca :	100	SPR #2:			WOB:	12-25			Pumping L/T:	\$ -			Mud Motors:	\$ -	
Dapp ppb:	5.2	Btm.Up: 27			R-RPM:	55			Prime Mover:	\$ -			Corrosion:	\$ -	
Time Break Down:			Total D.T.			M-RPM: 52			Misc: \$ -			Consultant: \$ 850			
START	END	TIME		Total Rot. Hrs:			65.5			Daily Total: \$ -			Drilling Mud: \$ 1,455		
06:00	16:00	10:00		DRLG 5930' - 6406' (476' @ 47.6 FPH).						Misc. / Labor: \$ -					
16:00	16:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.						Csg. Crew: \$ -					
16:30	21:00	4:30		DRLG 6406' - 6500' (94' @ 186 FPH).						Daily Total: \$ 24,008					
21:00	21:30	0:30		WIRELINE SURVEY @ 5501', 2¼°.						Cum. Wtr: \$ 13,290					
21:30	06:00	8:30		DRLG 6500' - 7010' (510' @ 48.6 FPH).						Cum. Fuel \$ 13,018					
										Cum. Bits: \$ -					
BHA															
												BIT	1	1.00	
												0.13 MM	1	35.55	
												IBS	1	4.48	
												DC	1	30.20	
												IBS	1	4.45	
												DC	15	462.83	
RECEIVED															
NOV 17 2006															
DIV. OF OIL, GAS & MINING															
												TOTAL BHA = 538.51			
												Survey	2¼°	5500'	
												Survey	MISS	6510'	
P/U	160 K#	LITH: 70% SH, 30% SS			BKG GAS			250							
S/O	150 K#	FLARE: NONE			CONN GAS			400							
ROT.	157 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'			PEAK GAS			1370							
FUEL	Used: 1061	On Hand: 5020			Co.Man V GUINN			TRIP GAS							



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL
T09S R19E S-19 21
43-040-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/18/2006			Days since spud: 4					
Current: Operations: DRILLING																	
Depth: 7904'			Prog: 894			D Hrs: 23			AV ROP: 38.9			Formation: WASATCH					
DMC: \$327			TMC: \$12,465						TDC: \$24,680			CWC: \$569,762					
Contractor:						Mud Co: M-I Drlg. Fluids			TANGIBLE COST			INTANGIBLE COST					
MW:	F	#1 F-1000 3.5 gpm			Bit #:	1			Conductor:	\$ -			Loc.Cost:	\$ -			
VIS:	R	SPM:			Size:	7-7/8"			Surf. Csg:	\$ -			Rig Move:	\$ -			
PV/YP:	E	#2 F-1000 3.5 gpm			Type:	HC504ZX			Int. Csg:	\$ -			Day Rate:	\$ 19,833			
Gel:	S	SPM: 115			MFG:	HTC			Prod Csg:	\$ -			Rental Tools:	\$ 1,870			
WL:	H	GPM: 403			S/N:	7111681			Float Equip:	\$ -			Trucking:	\$ 1,800			
Cake:	W	Press: 1150			Jets:	6-16's			Well Head:				Water:	\$ -			
Solids:	A	AV DC: 319			TD Out:				TBG/Rods:	\$ -			Fuel:	\$ -			
Sand:	T	AV DP: 219			Depth In:	3545			Packers:	\$ -			Mud Logger:	\$ -			
PH :	E	JetVel: 103			FTG:	4359'			Tanks:	\$ -			Logging:	\$ -			
Pf/Mf:	R	ECD: 8.6			Hrs:	88.5			Separator:	\$ -			Cement:	\$ -			
Chlor:	11000	SPR #1 : 54-240			FPH:	49.3			Heater:	\$ -			Bits:	\$ -			
Ca :	100	SPR #2 :			WOB:	12-25			Pumping L/T:	\$ -			Mud Motors:	\$ -			
Dapp ppb:	5.1	Btm.Up: 35			R-RPM:	55			Prime Mover:	\$ -			Corrosion:	\$ -			
Time Break Down:			Total D.T.			M-RPM: 52			Misc: \$ -			Consultant: \$ 850					
START	END	TIME		Total Rot. Hrs:			88.5			Daily Total: \$ -			Drilling Mud: \$ 327				
06:00	06:30	0:30		WIRELIN SURVEY @ 7010', 2°						Misc. / Labor: \$ -							
06:30	17:00	10:30		DRLG 7010' - 7456' 446' @ 42.5 FPH).						Csg. Crew: \$ -							
17:00	17:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.						Daily Total: \$ 24,680							
17:30	06:00	12:30		DRLG 7456' - 7904' 448' @ 35.8 FPH).						Cum. Wtr: \$ 13,290							
										Cum. Fuel \$ 13,018							
										Cum. Bits: \$ -							
BHA																	
				BIT			1			1.00							
				0.13 MM			1			35.55							
				IBS			1			4.48							
				DC			1			30.20							
				IBS			1			4.45							
				DC			15			462.83							
RECEIVED																	
NOV 20 2006																	
DIV. OF OIL, GAS & MINING																	
												TOTAL BHA = 538.51					
												Survey		2 1/4°		5500'	
												Survey		2°		7010'	
P/U	175 K#		LITH: 70% SH, 20% SS, 10% LM			BKG GAS			120								
S/O	165 K#		FLARE: NONE			CONN GAS			300								
ROT.	171 K#		LAST CSG.RAN: 8 5/8" SET @ 3545'			PEAK GAS			870								
FUEL	Used: 1030		On Hand: 2929			Co.Man V GUINN			TRIP GAS								



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL
 T095 R19E S19 21
 43-049-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/19/2006			Days since spud: 5			
Current: Operations: POOH FOR BIT #2															
Depth: 8504'		Prog: 600		D Hrs: 20 1/2		AV ROP: 29.3		Formation: WASATCH							
DMC: \$404			TMC: \$12,869			TDC: \$54,102			CWC: \$633,564						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	F	#1 F-1000 3.5 gpm		Bit #:	1		Conductor:	\$ -		Loc.Cost:	\$ 7,910				
VIS:	R	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ 9,975				
PV/YP:	E	#2 F-1000 3.5 gpm		Type:	HC504ZX		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	S	SPM: 115		MFG:	HTC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	H	GPM: 403		S/N:	7111681		Float Equip:	\$ -		Trucking:	\$ -				
Cake:	W	Press: 1150		Jets:	6-16's		Well Head:			Water:	\$ -				
Sollds:	A	AV DC: 319		TD Out:	8504		TBG/Rods:	\$ -		Fuel:	\$ 13,010				
Sand:	T	AV DP: 219		Depth In:	3545		Packers:	\$ -		Mud Logger:	\$ -				
PH :	E	JetVel: 103		FTG:	4959'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	R	ECD: 8.6		Hrs:	109		Separator:	\$ -		Cement:	\$ -				
Chlor:	11000	SPR #1 : 54-240		FPH:	45.5		Heater:	\$ -		Bits:	\$ -				
Ca :	100	SPR #2 :		WOB:	12-25		Pumping L/T:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.8	Btm.Up: 35		R-RPM:	55		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:			Total D.T.		M-RPM: 52		Misc:		\$ -		Consultant: \$ 900				
START	END	TIME		Total Rot. Hrs:		109.0		Daily Total:		\$ -		Drilling Mud: \$ 404			
06:00	15:00	9:00		DRLG 7904' - 8191' 287' @ 31.9 FPH).						Misc. / Labor: \$ -					
15:00	15:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.						Csg. Crew: \$ -					
15:30	03:00	11:30		DRLG 8191' - 8504' 313' @ 27.2 FPH).						Daily Total: \$ 54,102					
03:00	03:30	0:30		PUMPED PILL						Cum. Wtr: \$ 13,290					
03:30	06:00	2:30		POOH FOR BIT #2						Cum. Fuel \$ 26,028					
										Cum. Bits: \$ -					
											BHA				
											BIT	1	1.00		
											0.13 MM	1	35.55		
											IBS	1	4.48		
											DC	1	30.20		
											IBS	1	4.45		
											DC	15	462.83		
RECEIVED															
NOV 20 2006															
											TOTAL BHA = 538.51				
											Survey	2 1/2°	5500'		
											Survey	2°	7010'		
DIV. OF OIL, GAS & MINING															
P/U	184 K#		LITH:	70% SH, 20% SS, 10% LM						BKG GAS		50			
S/O	172 K#		FLARE:	NONE						CONN GAS		100			
ROT.	177 K#		LAST CSG.RAN:	8 5/8"		SET @		3545'		PEAK GAS		270			
FUEL	Used:	957		On Hand:	6472		Co.Man		V GUINN		TRIP GAS				



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL

T09S R19E S19
43-047-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/20/2006			Days since spud: 6			
Current: Operations: DRILLING															
Depth: 9185'			Prog: 681			D Hrs: 14 1/2			AV ROP: 47.0			Formation: WASATCH			
DMC: \$7,193			TMC: \$20,061			TDC: \$39,496			CWC: \$673,060						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	8.7	#1 F-1000 3.5 gpm		Bit #:	2	Conductor: \$ -		Loc.Cost: \$ -							
VIS:	33	SPM:		Size:	7-7/8"	Surf. Csg: \$ -		Rig Move: \$ -							
PV/YP:	12/13	#2 F-1000 3.5 gpm		Type:	DSX616	Int. Csg: \$ -		Day Rate: \$ 19,833							
Gel:	12/23/39	SPM: 113		MFG:	HYC	Prod Csg: \$ -		Rental Tools: \$ 2,070							
WL:	17	GPM: 396		S/N:	113672	Float Equip: \$ -		Trucking: \$ -							
Cake:	1	Press: 1465		Jets:	3-14,3-16	Well Head:		Water: \$ -							
Solids:	3.7	AV DC: 319		TD Out:		TBG/Rods: \$ -		Fuel: \$ -							
Sand:	TR	AV DP: 219		Depth In:	8504	Packers: \$ -		Mud Logger: \$ -							
PH :	9.0	JetVel: 103		FTG:	681'	Tanks: \$ -		Logging: \$ -							
Pf/Mf:	.6/6.4	ECD: 8.7		Hrs:	14.5	Separator: \$ -		Cement: \$ -							
Chlor:	10000	SPR #1 : 54-310		FPH:	47.0	Heater: \$ -		Bits: \$ 9,500							
Ca :	80	SPR #2 :		WOB:	15-25	Pumping L/T: \$ -		Mud Motors: \$ -							
Dapp ppb:	5.8	Btm.Up: 40		R-RPM:	50	Prime Mover: \$ -		Corrosion: \$ -							
Time Break Down:			Total D.T.		M-RPM: 51		Misc: \$ -		Consultant: \$ 900						
START	END	TIME		Total Rot. Hrs:		123.5		Daily Total: \$ -		Drilling Mud: \$ 7,193					
06:00	8:00	2:00		TOH W/ BIT #1						Misc. / Labor: \$ -					
8:00	9:30	1:30		CO BIT, MM. LD IBS. CK WEARBUSHING. OK						Csg. Crew: \$ -					
9:30	10:30	1:00		TIH						Daily Total: \$ 39,496					
10:30	11:00	0:30		PU 2 DC						Cum. Wtr: \$ 13,290					
11:00	14:00	3:00		TIH						Cum. Fuel \$ 26,028					
14:00	15:30	1:30		WASH AND REAM 90' TO BTM.						Cum. Bits: \$ 19,000					
15:30	06:00	14:30		DRLG 8191 - 9185' (681' @ 47.0 FPH).						BHA					
								BIT	1	1.00					
								0.13 MM	1	35.48					
								IBS	1	4.48					
								DC	18	553.00					
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="margin: 0;">RECEIVED</p> <p style="margin: 0;">NOV 20 2006</p> <p style="margin: 0;">DIV. OF OIL, GAS & MINING</p> </div>										TOTAL BHA = 593.96					
								Survey	2 1/4°	5500'					
								Survey	2°	7010'					
P/U	200 K#	LITH: 90% SH, 5% SS, 5% LM		BKG GAS				390							
S/O	187 K#	FLARE: NONE		CONN GAS				350							
ROT.	193 K#	LAST CSG.RAN: 8 5/8"		SET @ 3545'		PEAK GAS 1245									
FUEL	Used: 952	On Hand: 5520		Co.Man V GUINN		TRIP GAS 460									



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL
T095 R19E S19
43-047-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19		Per.depth: 11,700		Prog. depth: 12,188		Date: 11/21/2006		Days since spud: 7		
Current: Operations: DRILLING										
Depth: 9882'		Prog: 697		D Hrs: 23 1/2		AV ROP: 29.7		Formation: WASATCH		
DMC: \$3,424		TMC: \$23,486			TDC: \$188,914		CWC: \$861,974			
Contractor:				Mud Co: M-I Drig. Fluids		TANGIBLE COST		INTANGIBLE COST		
MW:	9.2	#1 F-1000 3.5 gpm		Bit #:	2	Conductor: \$ -		Loc, Cost: \$ -		
VIS:	36	SPM:		Size:	7-7/8"	Surf. Csg: \$ -		Rig Move: \$ 159,012		
PV/YP:	11/14	#2 F-1000 3.5 gpm		Type:	DSX616	Int. Csg: \$ -		Day Rate: \$ 19,833		
Gel:	13/26/41	SPM: 113		MFG:	HYC	Prod Csg: \$ -		Rental Tools: \$ 2,070		
WL:	10.7	GPM: 396		S/N:	113672	Float Equip: \$ -		Trucking: \$ 3,675		
Cake:	2	Press: 1750		Jets:	3-14,3-16	Well Head:		Water: \$ -		
Solids:	4	AV DC: 331		TD Out:		TBG/Rods: \$ -		Fuel: \$ -		
Sand:	TR	AV DP: 201		Depth In:	8504	Packers: \$ -		Mud Logger: \$ -		
PH :	9.0	JetVel: 107		FTG:	1378'	Tanks: \$ -		Logging: \$ -		
Pf/Mf:	.5/5.7	ECD: 9.6		Hrs:	38	Separator: \$ -		Cement: \$ -		
Chlor:	9000	SPR #1 : 54-380		FPH:	36.3	Heater: \$ -		Bits: \$ -		
Ca :	80	SPR #2 :		WOB:	10-25	Pumping L/T: \$ -		Mud Motors: \$ -		
Dapp ppb:	5.2	Btm.Up: 40		R-RPM:	50	Prime Mover: \$ -		Corrosion: \$ -		
Time Break Down:			Total D.T.	M-RPM:	51	Misc: \$ -		Consultant: \$ 900		
START	END	TIME		Total Rot. Hrs: 147.0		Daily Total: \$ -		Drilling Mud: \$ 3,424		
06:00	16:00	10:00	DRLG 9185' - 9486' (301' @ 30.0 FPH).						Misc. / Labor: \$ -	
16:00	16:30	0:30	RIG SER, TEST HYD, PIPE RAMS AND HCR.						Csg. Crew: \$ -	
16:30	06:00	13:30	DRLG 9486' - 9882' (396' @ 29.3 FPH).						Daily Total: \$ 188,914	
									Cum. Wtr: \$ 13,290	
									Cum. Fuel \$ 26,028	
									Cum. Bits: \$ 19,000	
BHA										
							BIT	1	1.00	
							0.13 MM	1	35.48	
							IBS	1	4.48	
							DC	18	553.00	
RECEIVED										
NOV 21 2006										
			CASTLEGATE	11593	1711'	DIV. OF OIL, GAS & MINING		TOTAL BHA = 593.96		
			BLACKHAWK	11793	1911'			Survey 2 1/4° 5500'		
			GRASSY	11923	2041'			Survey 2° 7010'		
			SUNNYSIDE	12038	2156'					
		24.00	TD	12188	2306'					
P/U	210 K#	LITH: 30% SH, 70% SS		BKG GAS		560				
S/O	190 K#	FLARE: 4-5' INTERMIT. (NOT ON BUSTER)		CONN GAS		1200				
ROT.	201 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'		PEAK GAS		1740				
FUEL	Used: 1165	On Hand: 4355		Co.Man V GUINN		TRIP GAS				



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL
T09S R19E S19
43-047-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/24/2006			Days since spud: 10			
Current: Operations: DRILLING															
Depth: 11270'			Prog: 555			D Hrs: 23 1/2			AV ROP: 23.6			Formation: MESAVERDE			
DMC: \$1,214			TMC: \$28,312			TDC: \$24,017			CWC: \$962,924						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10	#1 F-1000 3.5 gpm		Bit #:	2		Conductor:	\$ -		Loc, Cost:	\$ -				
VIS:	44	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -				
PV/YP:	16/24	#2 F-1000 3.5 gpm		Type:	HC506ZX		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	15/35/43	SPM: 115		MFG:	HTC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	10	GPM: 403		S/N:	113671		Float Equip:	\$ -		Trucking:	\$ -				
Cake:	1	Press: 1780		Jets:	6-16's		Well Head:			Water:	\$ -				
Solids:	11	AV DC: 340		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ -				
Sand:	TR	AV DP: 207		Depth In:	10710		Packers:	\$ -		Mud Logger:	\$ -				
PH :	9.0	JetVel: 110		FTG:	560'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	.2/5.6	ECD: 10.6		Hrs:	24		Separator:	\$ -		Cement:	\$ -				
Chlor:	10000	SPR #1 : 58-550		FPH:	23.3		Heater:	\$ -		Bits:	\$ -				
Ca :	100	SPR #2 :		WOB:	15-20		Pumping L/T:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.8	Btm.Up: 50		R-RPM:	50		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:				Total D.T.	M-RPM: 52		Misc:	\$ -		Consultant:	\$ 900				
START	END	TIME		Total Rot. Hrs:		201.5	Daily Total:	\$ -		Drilling Mud:	\$ 1,214				
06:00	09:00	3:00		DRLG 10715' - 10821' (106' @ 35.3 FPH).				Misc. / Labor:			\$ -				
09:00	09:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.				Csg. Crew:			\$ -				
09:30	06:00	20:30		DRLG 10821' - 11270' (449' @ 21.9 FPH).				Daily Total:			\$ 24,017				
								Cum. Wtr:			\$ 13,290				
								Cum. Fuel			\$ 39,038				
								Cum. Bits:			\$ 28,500				
										BHA					
								BIT	1	1.00					
								0.13 MM	1	32.97					
								IBS	1	4.48					
								DC	18	553.00					
				Boiler - 24 hrs											
				CASTLEGATE 11593 323'				RECEIVED							
				BLACKHAWK 11793 523'				NOV 27 2006							
				GRASSY 11923 653'				OFFICE OF OIL, GAS & MINING							
				SUNNYSIDE 12038 768'				TOTAL BHA =			591.45				
				24.00 TD 12188 918'				Survey	2°	7009'					
								Survey	2°	10710'					
P/U	230 K#	LITH: 10% SH, 50% SS, 20% COAL		BKG GAS				1500							
S/O	210 K#	FLARE: 8-10'. (ON BUSTER)		CONN GAS				1600							
ROT.	224 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'		PEAK GAS				1980							
FUEL	Used: 1581	On Hand: 5020		Co.Man V GUINN				TRIP GAS							



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

LOW-BID TOTAL
T095 R19E S-19
43-047-35405

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/25/2006			Days since spud: 11			
Current: Operations: TRIP FOR BIT #4															
Depth: 11533'			Prog: 263			D Hrs: 23 1/2			AV ROP: 11.2			Formation: MESAVERDE			
DMC: \$1,387			TMC: \$29,700			TDC: \$24,715			CWC: \$987,639						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10	#1 F-1000 3.5 gpm		Bit #:	3		Conductor:	\$ -		Loc, Cost:	\$ -				
VIS:	40	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -				
PV/YP:	18/20	#2 F-1000 3.5 gpm		Type:	HC506ZX		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	15/34/43	SPM: 115		MFG:	HTC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	10	GPM: 403		S/N:	113671		Float Equip:	\$ -		Trucking:	\$ 525				
Cake:	1	Press: 1900		Jets:	6-16's		Well Head:			Water:	\$ -				
Solids:	10	AV DC: 340		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ -				
Sand:	TR	AV DP: 207		Depth In:	10710		Packers:	\$ -		Mud Logger:	\$ -				
PH :	9.0	JetVel: 110		FTG:	823'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	.2/5.4	ECD: 10.5		Hrs:	45.5		Separator:	\$ -		Cement:	\$ -				
Chlor:	10000	SPR #1 : 53-490		FPH:	18.1		Heater:	\$ -		Bits:	\$ -				
Ca :	100	SPR #2 :		WOB:	15-20		Pumping L/T:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.7	Btm.Up: 60		R-RPM:	50		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:			Total D.T.			M-RPM: 52			Misc: \$ -			Consultant: \$ 900			
START	END	TIME				Total Rot. Hrs: 223.0			Daily Total: \$ -			Drilling Mud: \$ 1,387			
06:00	08:00	2:00	DRLG 11270' - 11296' (26' @ 13.0 FPH).						Misc. / Labor: \$ -						
08:00	08:30	0:30	RIG SER, TEST HYD, PIPE RAMS AND HCR.						Csg. Crew: \$ -						
08:30	04:00	19:30	DRLG 11296' - 11533' (237449' @ 12.2 FPH).						Daily Total: \$ 24,715						
04:00	06:00	2:00	MIXED AND PUMPED PILL. POOH FOR BIT #4						Cum. Wtr: \$ 13,290						
									Cum. Fuel \$ 39,038						
									Cum. Bits: \$ 28,500						
												BHA			
												BIT	1	1.00	
												0.13 MM	1	32.97	
												IBS	1	4.48	
												DC	18	553.00	
												Boiler - 24 hrs			
												RECEIVED			
												NOV 27 2006			
												TOTAL BHA = 591.45			
												Survey	2°	7009'	
												Survey	2°	10710'	
P/U	230 K#	LITH: 10% SH, 70% SS, 20% COAL						BKG GAS		1800					
S/O	220 K#	FLARE: 8-10'. (ON BUSTER)						CONN GAS		1900					
ROT.	225 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'						PEAK GAS		2250					
FUEL	Used: 1838	On Hand: 3182		Co.Man V GUINN				TRIP GAS							



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

CONFIDENTIAL
T09S R19E S19
43-049-35405

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/26/2006			Days since spud: 12					
Current: Operations: TRIP FOR NEW MUD MOTOR																	
Depth: 11533'			Prog: 0			D Hrs: 0			AV ROP:			#DIV/0!			Formation: MESAVERDE		
DMC: \$1,637			TMC: \$31,336			TDC: \$51,440			CWC: \$1,039,079								
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST					
MW:	10	#1 F-1000 3.5 gpm		Bit #:	3	4		Conductor:	\$ -	Loc.Cost:		\$ -					
VIS:	40	SPM:		Size:	7-7/8"	7-7/8"		Surf. Csg:	\$ -	Rig Move:		\$ -					
PVYP:	18/20	#2 F-1000 3.5 gpm		Type:	HC506ZX	K705		Int. Csg:	\$ -	Day Rate:		\$ 19,833					
Gel:	15/34/43	SPM: 115		MFG:	HTC	STC		Prod Csg:	\$ -	Rental Tools:		\$ 2,070					
WL:	10	GPM: 403		S/N:	113671	JX0695		Float Equip:	\$ -	Trucking:		\$ -					
Cake:	1	Press: 1900		Jets:	6-16's	TFA 1.5		Well Head:		Water:		\$ -					
Solids:	10	AV DC: 340		TD Out:	11533			TBG/Rods:	\$ -	Fuel:		\$ -					
Sand:	TR	AV DP: 207		Depth In:	10710	11533		Packers:	\$ -	Mud Logger:		\$ -					
PH :	9.0	JetVel: 110		FTG:	823'			Tanks:	\$ -	Logging:		\$ -					
Pf/Mf:	.2/5.4	ECD: 10.5		Hrs:	45.5			Separator:	\$ -	Cement:		\$ -					
Chlor:	10000	SPR #1 : 53-490		FPH:	18.1			Heater:	\$ -	Bits:		\$ 27,000					
Ca :	100	SPR #2 :		WOB:	15-20			Pumping L/T:	\$ -	Mud Motors:		\$ -					
Dapp ppb:	4.7	Btm.Up: 60		R-RPM:	50			Prime Mover:	\$ -	Corrosion:		\$ -					
Time Break Down:			Total D.T.			M-RPM: 52			Misc: \$ -			Consultant: \$ 900					
START	END	TIME		Total Rot. Hrs: 223.0			Daily Total: \$ -			Drilling Mud: \$ 1,637							
06:00	11:00	5:00		POOH FOR BIT #4						Misc. / Labor: \$ -							
11:00	12:00	1:00		CO BIT AND MM						Csg. Crew: \$ -							
12:00	16:30	4:30		TIH TO 11413'						Daily Total: \$ 51,440							
16:30	19:00	2:30		ATTEMPTED TO WASH TO BTM, MOTOR PRESSURED UP. CIRC OUT GAS 72 SPM @ 2033 PSI.						Cum. Wtr: \$ 13,290							
19:00	20:00	1:00		MIXED AND PUMPED 2 PILLS						Cum. Fuel \$ 39,038							
20:00	01:30	5:30		POOH FOR NEW MM						Cum. Bits: \$ 55,500							
01:30	04:30	3:00		SLIP AND CUT 75' DRLG LINE, WO MM						BHA							
04:30	06:00	1:30		POOH FOR MM						BIT	1	1.00					
										1.0 MM	1	32.06					
										IBS	1	4.48					
										DC	18	553.00					
				Boiler - 24 hrs													
				RECEIVED													
				CASTLEGATE	11593	60'		NOV 27 2006									
				BLACKHAWK	11793	260'											
				GRASSY	11923	390'		TOTAL BHA =			590.54						
				SUNNYSIDE	12038	505'		Survey	2°	7009'							
				TD	12188	655'		Survey	2°	10710'							
P/U	230 K#	LITH: 10% SH, 70% SS, 20% COAL						BKG GAS									
S/O	220 K#	FLARE: 8-10'. (ON BUSTER)						CONN GAS									
ROT.	225 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'						PEAK GAS									
FUEL	Used: 1219	On Hand: 1963		Co.Man		V GUINN		TRIP GAS		4750							



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

CONFIDENTIAL
T09S R19E S#21
43-049-35405

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/27/2006			Days since spud: 13			
Current: Operations: TRIP FOR NEW MUD MOTOR															
Depth: 11614'			Prog: 81			D Hrs: 12			AV ROP: 6.8			Formation: CASTLEGATE			
DMC: \$1,010			TMC: \$32,346			TDC: \$31,140			CWC: \$1,070,219						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.3	#1 F-1000 3.5 gpm		Bit #:	4		Conductor:	\$ -		Loc.Cost:	\$ -				
VIS:	42	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -				
PV/YP:	18/20	#2 F-1000 3.5 gpm		Type:	K705		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	15/34/43	SPM: 110		MFG:	STC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	10	GPM: 385		S/N:	JX0695		Float Equip:	\$ -		Trucking:	\$ -				
Cake:	1	Press: 1900		Jets:	TFA 1.5		Well Head:			Water:	\$ -				
Solids:	10	AV DC: 340		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ 7,327				
Sand:	TR	AV DP: 207		Depth In:	11533		Packers:	\$ -		Mud Logger:	\$ -				
PH :	9.0	JetVel: 110		FTG:	81'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	.2/5.4	ECD: 10.5		Hrs:	45.5		Separator:	\$ -		Cement:	\$ -				
Chlor:	10000	SPR #1 : 53-490		FPH:	1.8		Heater:	\$ -		Bits:	\$ -				
Ca :	100	SPR #2 :		WOB:	25		Pumping L/T:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.7	Btm.Up: 60		R-RPM:	65		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:			Total D.T.		M-RPM: 385		Misc: \$ -		Consultant: \$ 900						
START	END	TIME			Total Rot. Hrs: 223.0		Daily Total: \$ -		Drilling Mud: \$ 1,010						
06:00	7:30	1:30	POOH WET FOR NEW MM						Misc. / Labor: \$ -						
7:30	8:30	1:00	CHANGE OUT MM						Csg. Crew: \$ -						
8:30	13:00	4:30	TIH TO 11413'						Daily Total: \$ 31,140						
13:00	18:00	5:00	WASH AND REAM TO BTM						Cum. Wtr: \$ 13,290						
18:00	06:00	12:00	DRLG 11533' - 11614' (81' @ 6.8 FPH).						Cum. Fuel \$ 46,359						
									Cum. Bits: \$ 55,500						
										BHA					
										BIT	1	1.00			
										1.0 MM	1	32.06			
										IBS	1	4.48			
										DC	18	553.00			
			Boiler - 24 hrs												
							RECEIVED								
							NOV 27 2006								
			CASTLEGATE 11593 -21'												
			BLACKHAWK 11793 179'												
			GRASSY 11923 309'				DIV. OF OIL, GAS & MINING								
			SUNNYSIDE 12038 424'												
		24.00	TD 12188 574'												
P/U	235 K#	LITH: 10% SH, 80% SS, 10% COAL								BKG GAS		2000			
S/O	220 K#	FLARE: 4-6'. (ON BUSTER)								CONN GAS		2200			
ROT.	225 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'								PEAK GAS		2550			
FUEL	Used: 1504	On Hand: 3310				Co.Man V GUINN				TRIP GAS		2550			

CONFIDENTIAL

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No
Federal 42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
~~XXXXXXXXXX~~ *Pariette Branch*

11. County or Parish, State
UINTAH, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
GASCO PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NE of Section 21-T9S-R19E 2114' FNL & 750' FEL

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

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

- 1. Revise proposed depth to 12,188'.
- 2. Production casing program depth revised to 12,188' of 4-1/2", 13.5#/ft., P-110 LT&C (new).
- 3. Production casing cement program revised to 523 SX Hi-Lift @ 11.5 PPG, yield = 3.05 cuft/SX; followed by 1,135 SX 50/50 Poz 'G' @ 14.1 PPG, yield = 1.28 cuft/SX.

(verbal per M. Lee, Vernal-BLM 11/27/2006)

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

COPY SENT TO OPERATOR
Date: 11-24-06
Initials: em

Date: 11-30-06
By: *[Signature]*

RECEIVED
NOV 29 2006
DIV. OF OIL, GAS & MINING

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

ANTHONY W. SHARP

Title SENIOR ENGINEER

Signature

[Signature]

Date

11/27/2006

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.

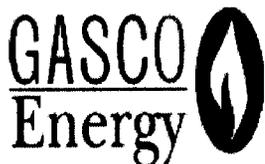
Title

Date

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 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)



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

CONFIDENTIAL
 T093 R19E S-#92
 43-049-35405
 GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/28/2006			Days since spud: 14			
Current: Operations: DRILLING															
Depth: 11705'			Prog: 91			D Hrs: 23 1/2			AV ROP: 3.9			Formation: CASTLEGATE			
DMC: \$706			TMC: \$33,053			TDC: \$31,676			CWC: \$1,104,295						
Contractor:				Mud Co: M-I Drig. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.4	#1 F-1000 3.5 gpm		Bit #:	4		Conductor:	\$ -		Loc, Cost:	\$ -				
VIS:	46	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -				
PV/YP:	11/19	#2 F-1000 3.5 gpm		Type:	K705		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	10/22/32	SPM: 110		MFG:	STC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	10	GPM: 385		S/N:	JX0695		Float Equip:	\$ -		Trucking:	\$ 840				
Cake:	1	Press: 1900		Jets:	TFA 1.5		Well Head:			Water:	\$ -				
Solids:	11.4	AV DC: 340		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ 7,327				
Sand:	TR	AV DP: 207		Depth In:	11533		Packers:	\$ -		Mud Logger:	\$ -				
PH :	9.0	JetVel: 110		FTG:	172'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	.2/5.4	ECD: 10.5		Hrs:	12		Separator:	\$ -		Cement:	\$ -				
Chlor:	10000	SPR #1 : 53-490		FPH:	14.3		Heater:	\$ -		Bits:	\$ -				
Ca :	100	SPR #2 :		WOB:	25		Pumping L/T:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.7	Btm.Up: 60		R-RPM:	65		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:			Total D.T.			M-RPM: 385			Misc: \$ -			Consultant: \$ 900			
START	END	TIME				Total Rot. Hrs: 223.0			Daily Total: \$ -			Drilling Mud: \$ 706			
06:00	11:30	5:30	DRLG 11614' - 11646' (32' @ 5.8 FPH).									Misc. / Labor: \$ -			
11:30	12:00	0:30	RIG SER, TEST HYD, PIPE RAMS AND HCR.									Csg. Crew: \$ -			
12:00	06:00	18:00	DRLG 11646' - 11705' (59' @ 3.3 FPH).									Daily Total: \$ 31,676			
												Cum. Wtr: \$ 13,290			
												Cum. Fuel \$ 46,359			
												Cum. Bits: \$ 57,900			
RECEIVED															
NOV 29 2006															
DIV. OF OIL, GAS & MINING															
			BLACKHAWK 11793 88'						BIT 1 1.00						
			GRASSY 11923 218'						1.0 MM 1 32.06						
			SUNNYSIDE 12038 333'						IBS 1 4.48						
			24.00 TD 12188 483'						DC 18 553.00						
TOTAL BHA = 590.54															
P/U 235 K# LITH: 5% SH, 90% SS, 5% COAL												BKG GAS 2000			
S/O 220 K# FLARE: 8-10'. (ON BUSTER)												CONN GAS 2300			
ROT. 226 K# LAST CSG.RAN: 8 5/8" SET @ 3545'												PEAK GAS 2450			
FUEL Used: 1795 On Hand: 1515 Co.Man V GUINN												TRIP GAS			



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

CONFIDENTIAL
T095 R19E S1921
43-047-35405

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 11/29/2006			Days since spud: 15			
Current: Operations: DRILLING															
Depth: 11770'		Prog: 65		D Hrs: 23 1/2		AV ROP: 2.8		Formation: CASTLEGATE							
DMC: \$3,080			TMC: \$36,133			TDC: \$39,286			CWC: \$1,136,254						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.2	#1 F-1000 3.5 gpm		Bit #:	4		Conductor:	\$ -		Loc, Cost:	\$ -				
VIS:	44	SPM:		Size:	7-7/8"		Surf. Csg:	\$ -		Rig Move:	\$ -				
PV/YP:	17/21	#2 F-1000 3.5 gpm		Type:	K705		Int. Csg:	\$ -		Day Rate:	\$ 19,833				
Gel:	13/26/40	SPM: 115		MFG:	STC		Prod Csg:	\$ -		Rental Tools:	\$ 2,070				
WL:	9.4	GPM: 403		S/N:	JX0695		Float Equip:	\$ -		Trucking:	\$ 440				
Cake:	1	Press: 2000		Jets:	TFA 1.5		Well Head:	\$ -		Water:	\$ -				
Solids:	9.4	AV DC: 340		TD Out:			TBG/Rods:	\$ -		Fuel:	\$ 12,963				
Sand:	TR	AV DP: 207		Depth In:	11533		Packers:	\$ -		Mud Logger:	\$ -				
PH :	9.0	JetVel: 110		FTG:	237'		Tanks:	\$ -		Logging:	\$ -				
Pf/Mf:	4/5.6	ECD: 10.5		Hrs:	59		Separator:	\$ -		Cement:	\$ -				
Chlor:	9000	SPR #1 :		FPH:	4.0		Heater:	\$ -		Bits:	\$ -				
Ca :	120	SPR #2 : 52-530		WOB:	25		Pumping LT:	\$ -		Mud Motors:	\$ -				
Dapp ppb:	4.8	Btm.Up: 70		R-RPM:	65		Prime Mover:	\$ -		Corrosion:	\$ -				
Time Break Down:				Total D.T.	M-RPM: 403		Misc:	\$ -		Consultant:	\$ 900				
START	END	TIME		Total Rot. Hrs:		258.5	Daily Total:	\$ -		Drilling Mud:	\$ 3,080				
06:00	18:00	12:00		DRLG 11705' - 11740' (35' @ 2.9 FPH).						Misc. / Labor:	\$ -				
18:00	18:30	0:30		RIG SER, TEST HYD, PIPE RAMS AND HCR.						Csg. Crew:	\$ -				
18:30	06:00	11:30		DRLG 11740' - 11770' (30' @ 2.6 FPH).						Daily Total:	\$ 39,286				
										Cum. Wtr:	\$ 13,290				
										Cum. Fuel	\$ 59,322				
										Cum. Bits:	\$ 57,900				
										BHA					
										BIT	1	1.00			
										1.0 MM	1	32.06			
										IBS	1	4.48			
										DC	18	553.00			
RECEIVED															
NOV 29 2006															
										Boiler - 24 hrs					
DEPT. OF OIL, GAS & MINING															
										BLACKHAWK	11793	23'			
										GRASSY	11923	153'			
										SUNNYSIDE	12038	268'			
										TD	12188	418'			
										TOTAL BHA =		590.54			
										Survey	2°	7009'			
										Survey	2°	10710'			
P/U	237 K#		LITH:	5% SH, 90% SS, 5% COAL						BKG GAS	1700				
S/O	220 K#		FLARE:	4-6'. (ON BUSTER)						CONN GAS	2100				
ROT.	227 K#		LAST CSG.RAN:	8 5/8"		SET @	3545'		PEAK GAS	2550					
FUEL	Used:	1792	On Hand:	4223		Co.Man	V GUINN		TRIP GAS						



GASCO ENERGY

DAILY DRILLING REPORT

CONFIDENTIAL
T09S R19E S-19 21
43-047-35405

AFE # 40049

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 12/1/2006			Days since spud: 17			
Current: Operations: DRILLING															
Depth: 12135'			Prog: 248			D Hrs: 18			AV ROP: 13.8			Formation: BLACKHAWK			
DMC: \$1,845			TMC: \$42,283			TDC: \$57,507			CWC: \$1,319,608						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.3	#1 F-1000 3.5 gpm		Bit #:	5		Conductor:		\$ -		Loc. Cost:		\$ -		
VIS:	45	SPM: 107		Size:	7-7/8"		Surf. Csg:		\$ -		Rig Move:		\$ -		
PV/YP:	18/19	#2 F-1000 3.5 gpm		Type:	MKS66DRG		Int. Csg:		\$ -		Day Rate:		\$ 19,833		
Gel:	11/23/32	SPM: 0		MFG:	VER		Prod Csg:		\$ -		Rental Tools:		\$ 2,070		
WL:	10.8	GPM: 375		S/N:	2912		Float Equip:		\$ -		Trucking:		\$ 570		
Cake:	1	Press: 2050		Jets:	6-18		Well Head:		\$ -		Water:		\$ 8,975		
Solids:	11	AV DC: 322		TD Out:			TBG/Rods:		\$ -		Fuel:		\$ 13,360		
Sand:	TR	AV DP: 196		Depth In:	11887		Packers:		\$ -		Mud Logger:		\$ -		
PH:	9.0	JetVel: 80		FTG:	248'		Tanks:		\$ -		Logging:		\$ -		
Pf/Mf:	.2/5.6	ECD: 10.8		Hrs:	18		Separator:		\$ -		Cement:		\$ -		
Chlor:	9000	SPR #1:		FPH:	13.8		Heater:		\$ -		Bits:		\$ 9,500		
Ca:	140	SPR #2: 52-580		WOB:	25		Pumping L/T:		\$ -		Mud Motors:		\$ -		
Dapp ppb:	4.8	Btm.Up: 70		R-RPM:	55		Prime Mover:		\$ -		Corrosion:		\$ -		
Time Break Down:			Total D.T.			M-RPM: 49			Misc: \$ -			Consultant: \$ 900			
START	END	TIME				Total Rot. Hrs: 290.5			Daily Total: \$ -			Drilling Mud: \$ 1,845			
06:00	10:30	4:30	TIH W/ BIT #5						Misc. / Labor: \$ 454						
10:30	11:30	1:00	WASH AND REAM 90' TO BTM						Csg. Crew: \$ -						
11:30	12:30	1:00	DRLG 11887' - 11900' (13' @ 13.0 FPH).						Daily Total: \$ 57,507						
12:30	13:00	0:30	RIG SER, TEST HYD, PIPE RAMS AND HCR.						Cum. Wtr: \$ 22,265						
13:00	06:00	17:00	DRLG 11900' - 12135' (235' @ 13.8 FPH).						Cum. Fuel \$ 72,682						
									Cum. Bits: \$ 67,400						
											BHA				
											BIT	1	1.00		
											1.0 MM	1	32.06		
											IBS	1	4.48		
											DC	18	553.00		
RECEIVED															
Boiler - 24 hrs															
DEC 01 2006															
DIV. OF OIL, GAS & MINING															
											TOTAL BHA = 590.54				
											Survey	2°	7009'		
											Survey	2°	10710'		
P/U	240 K#	LITH: 30% CARB SH/COAL, 70% SS		BKG GAS		1900									
S/O	223 K#	FLARE: 6-8'. (ON BUSTER)		CONN GAS		2300									
ROT.	234 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'		PEAK GAS		2950									
FUEL	Used: 1517	On Hand: 5419		Co.Man		V GUINN		TRIP GAS		2950					



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

CONFIDENTIAL

T09S R19E S-#21

43-049-35405

GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 12/2/2006			Days since spud: 18			
Current: Operations: RUNNING OPEN HOLE LOGS															
Depth: 12205'			Prog: 70			D Hrs: 9			AV ROP: 7.8			Formation: BLACKHAWK			
DMC: \$820			TMC: \$43,103			TDC: \$24,523			CWC: \$1,412,592						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.3	#1 F-1000 3.5 gpm		Bit #:	5	Conductor: \$ -		Loc, Cost: \$ -							
VIS:	45	SPM: 107		Size:	7-7/8"	Surf. Csg: \$ -		Rig Move: \$ -							
PV/YP:	18/19	#2 F-1000 3.5 gpm		Type:	MKS66DRG	Int. Csg: \$ -		Day Rate: \$ 19,833							
Gel:	11/23/32	SPM: 0		MFG:	VER	Prod Csg: \$ -		Rental Tools: \$ 2,070							
WL:	10.8	GPM: 375		S/N:	2912	Float Equip: \$ -		Trucking: \$ -							
Cake:	1	Press: 2050		Jets:	6-18	Well Head: \$ -		Water: \$ -							
Solids:	11	AV DC: 322		TD Out:		TBG/Rods: \$ -		Fuel: \$ -							
Sand:	TR	AV DP: 196		Depth In:	11887	Packers: \$ -		Mud Logger: \$ -							
PH :	9.0	JetVel: 80		FTG:	318'	Tanks: \$ -		Logging: \$ -							
Pf/Mf:	.2/5.6	ECD: 10.8		Hrs:	27	Separator: \$ -		Cement: \$ -							
Chlor:	9000	SPR #1 :		FPH:	11.8	Heater: \$ -		Bits: \$ -							
Ca :	140	SPR #2 : 52-580		WOB:	25	Pumping LT: \$ -		Mud Motors: \$ 900							
Dapp ppb:	4.8	Btm.Up: 70		R-RPM:	55	Prime Mover: \$ -		Corrosion: \$ -							
Time Break Down:			Total D.T.			M-RPM: 49			Misc: \$ -			Consultant: \$ 900			
START	END	TIME		Total Rot. Hrs: 290.5			Daily Total: \$ -			Drilling Mud: \$ 820					
06:00	15:00	9:00		DRLG 12135' - 12205' (70' @ 7.7 FPH).						Misc. / Labor: \$ -					
15:00	17:00	2:00		CIRC AND COND HOLE FOR LOGS						Csg. Crew: \$ -					
17:00	18:00	1:00		DROPPED SURVEY AND PUMPED PILL						Daily Total: \$ 24,523					
18:00	23:30	5:30		POOH FOR OPEN HOLE LOGS						Cum. Wtr: \$ 22,265					
23:30	00:30	1:00		BREAK BIT AND LD MM						Cum. Fuel \$ 72,682					
00:30	01:30	1:00		RU SCHLUMBERGER AND HOLD SAFETY MEETING						Cum. Bits: \$ 67,400					
01:30	06:00	4:30		LOGGING WELL						BHA					
										BIT	1	1.00			
				REACHED 12,205' TD @ 15:00, 12/1/2006						1.0 MM	1	32.06			
				RELEASED COLUMBINE LOGGING @17:00, 12/1/2006						IBS	1	4.48			
										DC	18	553.00			
				RECEIVED											
				DEC 04 2006											
				DIV OF OIL, GAS & MINING											
				Boiler - 24 hrs						TOTAL BHA = 590.54					
										Survey	2°	7009'			
										Survey	2°	10710'			
P/U	235 K#	LITH: 30% CARB SH/COAL, 70% SS		BKG GAS				1900							
S/O	220 K#	FLARE: 6-8'. (ON BUSTER)		CONN GAS				2300							
ROT.	235 K#	LAST CSG.RAN: 8 5/8" SET @ 3545'		PEAK GAS				2950							
FUEL	Used: 1721	On Hand: 3698		Co.Man V GUINN				TRIP GAS							



GASCO ENERGY

DAILY DRILLING REPORT

AFE # 40049

COPIED
 T095 R19E S-421
 43-049-35405
 GPS - N 40° 01.078' W 109° 46.723'

Well: FED 42-21-9-19			Per.depth: 11,700			Prog. depth: 12,188			Date: 12/4/2006			Days since spud: 20			
Current: Operations: PREP TO LAND CASING															
Depth: 12205 TD Prog: 0			D Hrs: 0			AV ROP:			#DIV/0!			Formation: BLACKHAWK			
DMC: \$7,094			TMC: \$53,397			TDC: \$45,378			CWC: \$1,538,743						
Contractor:				Mud Co: M-I Drlg. Fluids				TANGIBLE COST				INTANGIBLE COST			
MW:	10.3	#1 F-1000 3.5 gpm		Bit #:		Conductor:	\$ -	Loc.Cost:	\$ -						
VIS:	45	SPM:		Size:		Surf. Csg:	\$ -	Rig Move:	\$ -						
PV/YP:	18/19	#2 F-1000 3.5 gpm		Type:		Int. Csg:	\$ -	Day Rate:	\$ 19,833						
Gel:	11/23/32	SPM: 0		MFG:		Prod Csg:	\$ -	Rental Tools:	\$ 1,585						
WL:	10.8	GPM : 0		S/N:		Float Equip:	\$ -	Trucking:	\$ -						
Cake:	1	Press:		Jets:		Well Head:	\$ -	Water:	\$ -						
Solids:	11	AV DC:		TD Out:		TBG/Rods:	\$ -	Fuel:	\$ 13,298						
Sand:	TR	AV DP:		Depth In:		Packers:	\$ -	Mud Logger:	\$ -						
PH :	9.0	JetVel:		FTG:		Tanks:	\$ -	Logging:	\$ -						
Pf/Mf:	.2/5.6	ECD:		Hrs:		Separator:	\$ -	Cement:	\$ -						
Chlor:	9000	SPR #1 :		FPH:		Heater:	\$ -	Bits:	\$ -						
Ca :	140	SPR #2 :		WOB:		Pumping LJ:	\$ -	Mud Motors:	\$ -						
Dapp ppb:	4.8	Btm.Up: 70		R-RPM:		Prime Mover:	\$ -	Corrosion:	\$ -						
Time Break Down:			Total D.T.			M-RPM:			Misc: \$ -			Consultant: \$ 900			
START	END	TIME				Total Rot. Hrs: 299.5			Daily Total: \$ -			Drilling Mud: \$ 7,094			
06:00	09:00	3:00	FINISH POOH LAYING DOWN DP						Misc. / Labor: \$ 2,668						
09:00	10:00	1:00	BREAK KELLY						Csg. Crew: \$ -						
10:00	11:30	1:30	FINISH POOH LAYING DOWN DC.						Daily Total: \$ 45,378						
11:30	13:00	1:30	RU CALIPER CASING SERVICE AND HOLD SAFETY MEETING						Cum. Wtr: \$ 22,265						
13:00	14:00	1:00	CHANGE OUT POWER TONGS NOT WORKING						Cum. Fuel \$ 72,682						
14:00	04:30	14:30	RAN 4½" CASING						Cum. Bits: \$ 67,400						
04:30	06:00	1:30	CIRC HOLE AND ATTEMPT TO WASH TO BTM.						BHA						
						RECEIVED									
						DEC 04 2006									
						TOTAL BHA = 0.00									
						Boiler - 24 hrs			Survey 2° 7009'						
						DIV. OF OIL, GAS & MINING									
						Survey 2° 10710'									
P/U	K#	LITH:						BKG GAS							
S/O	K#	FLARE:						CONN GAS							
ROT.	K#	LAST CSG.RAN: 8 5/8" SET @ 3545'						PEAK GAS							
FUEL	Used:	-1978	On Hand: 5676						Co.Man V GUINN TRIP GAS						

CONFIDENTIAL

G-ASCO PRODUCTION CO

Federal 42-21-9-19

T09SR19E S-21
43-049-35405

- 1/10/07 Rig up SLB wireline and run CCL/Gamma/Bond log, shows good bond into surface pipe. Rig up B&C quick test and pressure test well to 9500 psi, tested good.
- 1/11/07 RIH w/ guns for stage #1 Grassy and perf @ 11,978-86'. Rig up SLB frac crew pressure test lines, pod blender hydraulic system went out. Shut down for new blender, new blender not available until tomorrow AM.
- 1/12/07 Rig up SLB frac crew and pressure test lines, SICP 825#. Break down perfs @ 4757 @ 3.8 BPM, ISIP 3750, FG .75, Cal shots open @ 14/24. Hybrid frac stage #1 Grassy w/ 1834 bbls of YF and WF118 & 120 gel and 53,470#'s of 20/40 OptiProp sand. Flush well w/ 178 bbls, ISIP 4220, FG .79. Close well in and rig up wireline for perf only run. Shoot perf only @ 11,866-70'. Pick up plug and guns for stage # 2, Set 8 k FTFP @ 11,602' and pressure test to 5000 psi, Bleed well down to 3800 psi and shoot Lower Mesaverde I @ 11,586-87', 11,569-72', 11,514-20'. Pump into well @ 1.5 bpm @ 4000 psi while POOH w/ wireline. ISIP 3740, FG .76, Calc shots open @ 12 / 30. Gel frac well w/ 1438 bbls of YF115 fluid and 46,544 #'s of 20/40 OptiProp sand. Flush well w/ 169.8 bbls ISIP 4070, FG .79. Turn well over to flowback @ 4:50 pm @ 3800 psi on a 12/64 ck.
- 1/13/07 6 F and snowing. Well flowing this AM @ 2100 psi on a 16/64 ck. Flowed 1637 bbls in 14 hrs, TA 1637, BLWTR 1635. Rig up wireline and pick up plug and guns. Set 8 k FTFP @ 10,968 and pressure test to 4000 psi, bleed well off to 2800 and perf stage #3 Lower Mesaverde II @ 10,950-53, 10,925-28, 10,850-53, 10,814-16', 10,794-97'. POOH w/ wire line and became stuck in lubricator 20' from surface. Work line and rig up hot water hose to spray down lube and grease head. Work ice out of lubricator @ 3:30 pm and rig up frac crew. Break down perfs @ 4070 psi @ 5.3 bpm, ISIP 3980, FG .80, calc shots open @ 20/42. Hybrid frac well w/ 2838 bbls of YF and WF 115 gel and 134,721 #'s of 20/40 OptiProp sand. Flush well w/ 159 bbls, ISIP 3870, FG .79. Turn well over to flow back @ 4:20 pm @ 3700 psi on a 12/64 ck. SWI @ 6:45 AM to perf, w/ 3450 FCP, on 16/64" ck. Made 262 bbls in 2.5 hrs (SWI to leave pressure on perfs, next stage only 50' away). TR 1899. BLWTR 4211.
- 1/14/07 -14 F and sunny this AM. Trouble getting Wireline in hole due to cold. RIH w/ plug and guns to perf Stage 4 - Lower Mesaverde, Upper Mesaverde. Set FTFP #3 @ 10754' @ 10:30 AM. Psi tested plug to 4400 psi. Perforated f/ 10634 - 37', 10655 - 58', 10699 - 703', 10735 - 39', 3 spf. Pumping into perfs @ 3535 psi. ISIP 3970. FG .81. Calc 25 holes open / 42. Hybrid fraced w/ 59,400# 20-40 SB Excel, and 87,750# 20-40 Optiprop, using 3030 bbls WF and YF 115 gel. Flushed w/ 156.6

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JAN 22 2007

DIV. OF OIL, GAS & MINING

bbls. ISIP 4250. FG .83. RIH w/ "Perf only" gun and shot 9330 – 34'. Opened well up to FB @ 3:40 PM, w/ 3600 SICP, on 12/64" ck. Left well flowing thru Sun. Will resume Stg 5 and 6 on Mon AM. Well flowing this AM @ 2600 psi on a 16 ck. Flowed 1149 bbls in 24 hrs, TA 4809, BLWTR 4331.

- 1/16/07 Well flowing this AM @ 2200 psi on a 12/64 ck, flowed 417 bbls in 24 hrs, TA 5226, BLWTR 3914. -36* this AM, Unable to get frac fleet started. Shut down for day to work on trucks, last motor started @ 4:00 pm. Leave trucks and pumps running over night. (CR)
- 1/17/07 Well flowing this AM @ 2200 psi on a 10/64 ck, flowed 414 bbls in 24 hrs, TA 5640, BLWTR 3500. Hot oilers broke down. Only 5 tanks of fluid were heated on location, need 11. SDFD and heat frac water. (CR)
- 1/18/07 Rig up SLB and RIH w/ plug and guns, plug hung up @ 5800'. Try to pull plug and guns out of hole with no success. O-rings in setting tool split and let well pressure into tool, partially setting plug. Slips didn't set. Was able to flow well back and flow plug OOH. Change out setting tool and plug. RIH w/ 10 k FTFP and guns for stage #5. Set plug #4 @ 9301' and pressure test to 3000 psi. Shoot Upper Mesaverde / Dark Canyon @ 9282-86', 9198-202', 8978-80', 8944-46. Pumped into perfs @ 4300 @ 5.3 bpm (no break). ISIP 3480. FG .82. Calc 17 holes open / 36. Hybrid fraced w/ 37,800# 20-40 reg white sd, and 35,395# 20-40 SB Excel (total 73,195#), using 1918 bbls WF and YF 115 gel and 350 lbs of Fiber Frac mixed throughout last sd stage (3 ppg). Under flushed by 4 bbls w/ 129.4 bbls. ISIP 3570. FG .83. RIH w/ guns (no frac plug) to perf Stage 6 – Wasatch. Perforated f/ 6774 – 77', 7162 – 64', 7198 – 7204', 3 spf. Pumping in @ 2915 psi @ 5.3 bpm. ISIP 2770. FG .83. Calc 19 holes open / 33. Gel fraced w/ 47,000# 20-40 reg white sd, and 15,260# 20-40 SB Excel (total 62,260#), using 1355 bbls WF and YF 115 gel. Finish frac at 9:00 PM. Opened well up to FB @ 11:30PM (wellhead frozen, -26 F), on 14/64" ck w/ 1800 SICP. 7:00 AM, well flowing back w/ 700 FCP on 16/64" ck. Made 665 bbls in 13 hrs. TR 6305. BLWTR 6108. (CR and SCE)
- 1/19/07 RIH w/ gun to shoot "Perf only" f/

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

CONFIDENTIAL

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
*2114' FnL & 750' FEL
SE NE of Section 21-T9S-R19E*

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
Federal 42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
Riverbend

11. County or Parish, State
Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<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"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <i>Meter Install</i>
	<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.

On January 5, 2007 Gasco intends to install the sales meter for this well - at approximately 3:00 p.m. we will be doing the initial calibration on this meter prior to the well being started on production. This sundry has been faxed to allow you the time to show up to the calibration - this faxed copy will be followed up by mailing the original sundry with 2 copies.

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

Name (Printed/Typed) <i>Beverly Walker</i>	Title <i>Engineering Technician</i>
Signature <i>Beverly Walker</i>	Date <i>January 2, 2007</i>

THIS SPACE FOR FEDERAL OR STATE USE

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

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

(Instructions on reverse)

RECEIVED
JAN 22 2007
 DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee, or Tribe Name
NA

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

8. Well Name and No.
Federal 42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
Riverbend

11. County or Parish, State
Uintah County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2114' FNL & 750' FEL SE NE of Section 21-T9S-R19E

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

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

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

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

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

Accepted by the
Utah Division of
Gas and Mining
FOR RECORD ONLY
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JAN 26 2007

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

Name (Printed Typed) Beverly Walker

Signature *Beverly Walker*

Title Engineering Technician

Date January 23, 2007

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Gasco Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2114' FNL & 750' FEL SE NE of Section 21-T9S-R19E

5. Lease Serial No.
UTU-78433

6. If Indian, Allottee, or Tribe Name
NA

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

8. Well Name and No.
Federal 42-21-9-19

9. API Well No.
43-047-35405

10. Field and Pool, or Exploratory Area
Riverbend

11. County or Parish, State
Uintah County, Utah

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

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

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

This well was started on production on January 20th. 2007

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

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

Signature *Beverly Walker* Date **January 23, 2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

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Gasco Production Company

Federal 42-21-9-19

SE NE Section 21T9S-R19E

Uintah County, Utah

043-047-35405

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DIV. OF OIL, GAS & MINING

- 1/10/07 Rig up SLB wireline and run CCL/Gamma/Bond log, shows good bond into surface pipe. Rig up B&C quick test and pressure test well to 9500 psi, tested good.
- 1/11/07 RIH w/ guns for stage #1 Grassy and perf @ 11,978-86'. Rig up SLB frac crew pressure test lines, pod blender hydraulic system went out. Shut down for new blender, new blender not available until tomorrow AM.
- 1/12/07 Rig up SLB frac crew and pressure test lines, SICP 825#. Break down perfs @ 4757 @ 3.8 BPM, ISIP 3750, FG .75, Cal shots open @ 14/24. Hybrid frac stage #1 Grassy w/ 1834 bbls of YF and WF118 & 120 gel and 53,470#'s of 20/40 OptiProp sand. Flush well w/ 178 bbls, ISIP 4220, FG .79. Close well in and rig up wireline for perf only run. Shoot perf only @ 11,866-70'. Pick up plug and guns for stage # 2, Set 8 k FTFP @ 11,602' and pressure test to 5000 psi, Bleed well down to 3800 psi and shoot Lower Mesaverde I @ 11,586-87', 11,569-72', 11,514-20'. Pump into well @ 1.5 bpm @ 4000 psi while POOH w/ wireline. ISIP 3740, FG .76, Calc shots open @ 12 / 30. Gel frac well w/ 1438 bbls of YF115 fluid and 46,544 #'s of 20/40 OptiProp sand. Flush well w/ 169.8 bbls ISIP 4070, FG .79. Turn well over to flowback @ 4:50 pm @ 3800 psi on a 12/64 ck.
- 1/13/07 6 F and snowing. Well flowing this AM @ 2100 psi on a 16/64 ck. Flowed 1637 bbls in 14 hrs, TA 1637, BLWTR 1635. Rig up wireline and pick up plug and guns. Set 8 k FTFP @ 10,968 and pressure test to 4000 psi, bleed well off to 2800 and perf stage #3 Lower Mesaverde II @ 10,950-53, 10,925-28, 10,850-53, 10,814-16', 10,794-97'. POOH w/ wire line and became stuck in lubricator 20' from surface. Work line and rig up hot water hose to spray down lube and grease head. Work ice out of lubricator @ 3:30 pm and rig up frac crew. Break down perfs @ 4070 psi @ 5.3 bpm, ISIP 3980, FG .80, calc shots open @ 20/42. Hybrid frac well w/ 2838 bbls of YF and WF 115 gel and 134,721 #'s of 20/40 OptiProp sand. Flush well w/ 159 bbls, ISIP 3870, FG .79. Turn well over to flow back @ 4:20 pm @ 3700 psi on a 12/64 ck. SWI @ 6:45 AM to perf, w/ 3450 FCP, on 16/64" ck. Made 262 bbls in 2.5 hrs (SWI to leave pressure on perfs, next stage only 50' away). TR 1899. BLWTR 4211.
- 1/14/07 -14 F and sunny this AM. Trouble getting Wireline in hole due to cold. RIH w/ plug and guns to perf Stage 4 – Lower Mesaverde, Upper Mesaverde. Set FTFP #3 @ 10754' @ 10:30 AM. Psi tested plug to

4400 psi. Perforated f/ **10634 – 37’, 10655 – 58’, 10699 – 703’, 10735 – 39’**, 3 spf. Pumping into perfs @ 3535 psi. ISIP 3970. FG .81. Calc 25 holes open / 42. Hybrid fraced w/ 59,400# 20-40 SB Excel, and 87,750# 20-40 Optiprop, using 3030 bbls WF and YF 115 gel. Flushed w/ 156.6 bbls. ISIP 4250. FG .83. RIH w/ **“Perf only”** gun and shot **9330 – 34’**. Opened well up to FB @ 3:40 PM, w/ 3600 SICP, on 12/64” ck. Left well flowing thru Sun. Will resume Stg 5 and 6 on Mon AM. Well flowing this AM @ 2600 psi on a 16 ck. Flowed 1149 bbls in 24 hrs, TA 4809, BLWTR 4331.

- 1/16/07 Well flowing this AM @ 2200 psi on a 12/64 ck, flowed 417 bbls in 24 hrs, TA 5226, BLWTR 3914. -36* this AM, Unable to get frac fleet started. Shut down for day to work on trucks, last motor started @ 4:00 pm. Leave trucks and pumps running over night. (CR)
- 1/17/07 Well flowing this AM @ 2200 psi on a 10/64 ck, flowed 414 bbls in 24 hrs, TA 5640, BLWTR 3500. Hot oilers broke down. Only 5 tanks of fluid were heated on location, need 11. SDFD and heat frac water. (CR)
- 1/18/07 Rig up SLB and RIH w/ plug and guns, plug hung up @ 5800’. Try to pull plug and guns out of hole with no success. O-rings in setting tool split and let well pressure into tool, partially setting plug. Slips didn’t set. Was able to flow well back and flow plug OOH. Change out setting tool and plug. RIH w/ 10 k FTFP and guns for stage #5. Set plug #4 @ 9301’ and pressure test to 3000 psi. **Shoot Upper Mesaverde / Dark Canyon @ 9282-86’, 9198-202’, 8978-80’, 8944-46**. Pumped into perfs @ 4300 @ 5.3 bpm (no break). ISIP 3480. FG .82. Calc 17 holes open / 36. Hybrid fraced w/ 37,800# 20-40 reg white sd, and 35,395# 20-40 SB Excel (total 73,195#), using 1918 bbls WF and YF 115 gel and 350 lbs of Fiber Frac mixed throughout last sd stage (3 ppg). Under flushed by 4 bbls w/ 129.4 bbls. ISIP 3570. FG .83. RIH w/ guns (no frac plug) to perf Stage 6 – **Wasatch**. Perforated f/ **6774 – 77’, 7162 – 64’, 7198 – 7204’**, 3 spf. Pumping in @ 2915 psi @ 5.3 bpm. ISIP 2770. FG .83. Calc 19 holes open / 33. Gel fraced w/ 47,000# 20-40 reg white sd, and 15,260# 20-40 SB Excel (total 62,260#), using 1355 bbls WF and YF 115 gel. Finish frac at 9:00 PM. Opened well up to FB @ 11:30PM (wellhead frozen, -26 F), on 14/64” ck w/ 1800 SICP. 7:00 AM, well flowing back w/ 700 FCP on 16/64” ck. Made 665 bbls in 13 hrs. TR 6305. BLWTR 6108. (CR and SCE)
- 1/19/07 RIH w/ gun to shoot “Perf only” f/ 6138-6144’. Rig down SLB. (CR) DC \$ 673,000
- 3/10/07 MORU service unit, Lay pump and lines and pump 50 bbls down tbg. NDFT and NU BOP. Tally and RIH w/ 3 ¼ mill, POBS, X-nipple and 70

jts. leave well open to sales and SDFD. (Rick w/ Premier / CR) DC \$ 10,847 CC \$ 683,847

3/13/07

Continue RIH w/ 283 jts and tag FTFP @ 9301'. RU swivel and break circ, drill out plug and well started flowing @ 1900 psi on a 30/64 ck. Pinch back to a 18/64 ck and turn well over to flowback for night. SDFD (Rick w/ Premier / CR) DC \$ 6380 CC \$ 690,227

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No.
UTU-78433

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

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
NA

2. Name of Operator
Gasco Production Company

8. Lease Name and Well No.
Federal 42-21-9-19

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

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

9. API Well No.
43-047-35405

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *
At surface 2114' FNL & 750' FEL. SE NE

10. Field and Pool, or Exploratory
Riverbend

At top prod. interval reported below same

11. Sec., T., R., M., or Block and Survey or Area Sec 21-T9S-R19E

At total depth same

12. County or Parish Utah
13. State Utah

14. Date Spudded 08/31/06
15. Date T.D. Reached 12/02/06
16. Date Completed D & A Ready to Prod. 01/20/07

17. Elevations (DF, RKB, RT, GL)*
4775.3' GL; 4793.3' KB

18. Total Depth: MD 12205 TVD 12205
19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set: MD NA TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
HRL; CNL; CBL; BHC; MI

22. Was well Was DST run? No Yes (Submit copy)
Directional No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 H40	48#	0	220		225 sx of Class G		Circ to Surf	
12 1/4"	8 5/8 J-55	32#	0	3526		775 sx of Neet		Circ to Surf	
7 7/8"	4 1/2 P110	13.5#	0	12198		250 sx of Hilit		Surface - CBL	
						1625 sx of 50-50			

24. Tubing Record

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

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
1) Blackhawk	11866	11986	See Attached			
2) Mesaverde	9282	11587				
3) Dark Canyon	9198	9202				
4) Wasatch	6138	8980				

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

Depth Interval	Amount and type of Material
See Attached	

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DIV. OF OIL, GAS & MINING

8. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/20/07	01/28/07	24	→	0	867	82			Flowing
Well Size	Tbg. Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI	1343	→	0	867	82		Producing from all	

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

See instructions and spaces for additional data on reverse side)

28b.

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

28c. Production - Interval E

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

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

Sold

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Wasatch	5,421	9,183	Well was td'd within the Blackhawk @ 12205		
Dark Canyon	9,183	9,207			
Mesaverde	9,207	11,612			
Blackhawk	11,795				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Name (please print) Beverly Walker Title Engineering Tech
 Signature *Beverly Walker* Date 3/21/07

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Federal 42-21-9-19
Additional Information to Well Completion Report

27. Perforation Record

Perforated Interval	Size	No. Hole	Perf. Status
11978-86; 11866-70	0.38	36	Open
11586-87; 11569-72; 11514-20; 10950-53; 10925-28; 10850-53; 10814-16; 10794-97; 10735-39; 10699-703; 10655-58; 10634-37; 9330-34; 9282-86	0.38	138	Open
9198-202	0.38	12	Open
8978-80; 8944-46; 7198-204; 7162-64; 6774-77; 6138-6144	0.38	63	Open

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

Depth Interval	Amount and Type of Material
11978 - 11986	Hybrid frac stage #1 Grassy w/ 1834 bbls of YF and WF118 & 120 gel and 53,470#'s of 20/40 OptiProp sand
11514 - 11587	Gel frac well w/ 1438 bbls of YF115 fluid and 46,544 #'s of 20/40 OptiProp sand
10794 - 10953	Hybrid frac well w/ 2838 bbls of YF and WF 115 gel and 134,721 #'s of 20/40 OptiProp sand
10634 - 10739	Hybrid fraced w/ 59,400# 20-40 SB Excel, and 87,750# 20-40 Optiprop, using 3030 bbls WF and YF 115 gel
8944 - 9286	Hybrid fraced w/ 37,800# 20-40 reg white sd, and 35,395# 20-40 SB Excel (total 73,195#), using 1918 bbls WF and YF 115 gel and 350 lbs of Fiber Frac mixed throughout last sd stage (3 ppg)
6774 - 7204	Gel fraced w/ 47,000# 20-40 reg white sd, and 15,260# 20-40 SB Excel (total 62,260#), using 1355 bbls WF and YF 115 gel

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-78433
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: FED 42-21-9-19
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY	9. API NUMBER: 43047354050000
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112	PHONE NUMBER: 303 483-0044 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2114 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 21 Township: 09.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: PARIETTE BENCH 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 Approximate date work will start: 1/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

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

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

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

Effective Date: 4/16/2015

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

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

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

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

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

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

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-76482

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

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

2. NAME OF OPERATOR:
Gasco Production Company

9. API NUMBER:
4304737631

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

PHONE NUMBER:
(303) 483-0044

10. FIELD AND POOL, OR WILDCAT:
Uteland Butte

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

COUNTY: **Uintah**

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

STATE: **UTAH**

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

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

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

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

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

Michael Decker

Michael Decker, Exec. Vice President & COO

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

Michael Decker

Michael Decker, Exec. Vice President & COO

RECEIVED

JUN 02 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Lindsey Cooke**

TITLE **Engineering Tech**

SIGNATURE *Lindsey Cooke*

DATE **5/18/2015**

(This space for State use only)

APPROVED

JAN 22 2016

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

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

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

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	OW	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	OW	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	OW	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S