API Well Number: 43047525450000

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

FORM 3

AMENDED REPORT ☐

## APPLICATION FOR PERMIT TO DRILL

**1. WELL NAME and NUMBER**
Federal 24-20G-9-19

**2. TYPE OF WORK**
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

**3. FIELD OR WILDCAT**
PARIETTE BENCH

**4. TYPE OF WELL**
Oil Well Coalbed Methane Well: NO

**5. UNIT or COMMUNITIZATION AGREEMENT NAME**

**6. NAME OF OPERATOR**
GASCO PRODUCTION COMPANY

**7. OPERATOR PHONE**
303 483-0044

**8. ADDRESS OF OPERATOR**
8 Inverness Dr. East, Suite 100, Englewood, CO, 80112

**9. OPERATOR E-MAIL**
jlongwell@gascoenergy.com

**10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)**
utu-75090

**11. MINERAL OWNERSHIP**
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

**12. SURFACE OWNERSHIP**
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

**13. NAME OF SURFACE OWNER (if box 12 = 'fee')**

**14. SURFACE OWNER PHONE (if box 12 = 'fee')**

**15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')**

**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**

**17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')**

**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS**
YES ☐ (Submit Commingling Application) NO ■

**19. SLANT**
VERTICAL ■ DIRECTIONAL ☐ HORIZONTAL ☐

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---|---|---|---|---|---|---|
| LOCATION AT SURFACE | 490 FSL 1887 FWL | SESW | 20 | 9.0 S | 19.0 E | S |
| Top of Uppermost Producing Zone | 490 FSL 1887 FWL | SESW | 20 | 9.0 S | 19.0 E | S |
| At Total Depth | 490 FSL 1887 FWL | SESW | 20 | 9.0 S | 19.0 E | S |

**21. COUNTY**
UINTAH

**22. DISTANCE TO NEAREST LEASE LINE (Feet)**
490

**23. NUMBER OF ACRES IN DRILLING UNIT**
680

**25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)**
3000

**26. PROPOSED DEPTH**
MD: 5552 TVD: 5552

**27. ELEVATION - GROUND LEVEL**
4787

**28. BOND NUMBER**
ut-1233

**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE**
41-3530

### Hole, Casing, and Cement Information

| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| Cond | 17.5 | 13.375 | 0 - 60 | 48.0 | H-40 ST&C | 9.0 | 50/50 Poz | 130 | 1.31 | 14.3 |
| Surf | 12.25 | 8.625 | 0 - 500 | 24.0 | J-55 ST&C | 9.0 | 50/50 Poz | 130 | 1.31 | 14.3 |
| Prod | 7.875 | 5.5 | 0 - 5552 | 15.5 | J-55 ST&C | 9.5 | Halliburton Premium , Type Unknown | 420 | 1.85 | 12.8 |

### ATTACHMENTS

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

- ✔ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ✔ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ✔ TOPOGRAPHICAL MAP

**NAME** Roger Knight | **TITLE** EHS Supervisor | **PHONE** 303 996-1803

**SIGNATURE** | **DATE** 04/25/2012 | **EMAIL** rknight@gascoenergy.com

**API NUMBER ASSIGNED**
43047525450000

**APPROVAL**
Permit Manager

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RECEIVED: May 03, 2012

**Gasco Production Company**
**Federal 24-20G-9-19**
**SE/SW, Section 20, Township9S, Range19E**
**Uintah, Utah**
**Lease No. UTU- 75090**

ONSHORE OIL & GAS ORDER NO. 1

# Drilling Program

## 1. Estimated Tops of Important Geological Markers

| Formation | Depth | Subsea |
|---|---|---|
| Uinta Formation | Surface | |
| X-Marker | 3886' | 906' |
| Y-Marker | 3929' | 866' |
| Douglas Creek Marker | 4056' | 736' |
| BiCarbonate Marker | 4283' | 509' |
| B Limestone Marker | 4390' | 402' |
| A-3 Sand | 4549' | 243' |
| Castle Peak | 4801' | -9' |
| Basal Carbonate | 5200' | -408' |
| Wasatch | 5352' | -560' |
| TD | 5,552' | |

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## 2. Estimated Depth of Anticipated Water, Oil, Gas or Mineral Formations

| Substance | Formation | Depth | |
|---|---|---|---|
| Oil | A-3 Sand | 4549' | 243' |

All fresh water and 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

All well control equipment will be in accordance to Onshore Order No. 2 for 5M Systems and are as follows:

5,000# BOP with 4 ½" Pipe Rams
5,000# BOP with Blind Rams
5,000# Annular

Ram type preventers and associated equipment shall be tested to the 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 on 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.

**Pressure Control Equipment Continued**

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 that once a day.

A BPOPE 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 RP 53 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 cement plugs.

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

a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not yet been chosen to drill this well, most of the equipment for this depth will utilize 5M working BOP.

b. A choke line and kill line are to be properly installed. The kill line is not to be used as a fill-up line.

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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.

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b. Casing Program

| | Depth | Hole Size | O.D. | Grade&Weight | | Type |
|---|---|---|---|---|---|---|
| Conductor | 60 | 17.5 | 13.375 | H-40 | 48# | ST&C |
| Surface | 500 | 12.25 | 8.625 | J-55 | 24# | ST&C |
| Production | 5,552 | 7.875 | 5.5 | J-55 | 14#/15.5# | ST&C |

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

d. Cement Program

| | Est. Top of Cement | Cement Type | Quantity | Yield | Supply Wt. |
|---|---|---|---|---|---|
| Conductor/ Surface | Surface | 50-50 POZ | 260 | 1.31 | 14.3 |
| Production | Surface | Premium Lite II | 420 | 1.85 | 12.80 |

e. 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.

f. 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.

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

1. Progress reports, form 3160-5 "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 log must be submitted for each well where the casing cement was not circulated to the surface.

h. Auxiliary equipment to be used is as follows:

1. Kelly cock

2. A bit float

3. A sub with full opening valve.

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## 5. Drilling Fluids Program:

| Interval | Type | Wt. (ppg) | Viscosity | pH | Water Loss | Remarks |
|---|---|---|---|---|---|---|
| 0-60' | Air Mist | 8.3-9 | 40 | 10 | NA | |
| 60'-500' | Air Mist/Water based Mud | 8.3-9 | 40 | 10 | NA | |
| 500'- 5,552' | Fresh Water/Water Mud | 8.33 -9.5 | 40 | 10 | NA | |

a. Sufficient quantities of mud material will be maintained on site or be readily available for the purpose of assuring well control. SPR will be recorded on a daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

b. No chromate additives will be used in the mud system on Federal lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

c. 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.

d. 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 stern tests are anticipated, if DST's are run, the following requirements will be adhered to:

Initial opening of the drill stern test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer (AO). 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 AO. Closed chamber DST's 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 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 ate required to "run" during the test shall have spark arresters or water cooled exhausts.

b. The logging program will consist of Schlumberger Platform Express (or equivalent) to be run from base of surface casing to TD.

c. No cores are anticipated.

d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted no latter than 30 days after the 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 tested 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 AO.

e. The anticipated completion program is as follows: Perform multistage fracs and complete all productive zones present in the wellbore. Produce all zones commingled.

f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

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## 7. Abnormal Temperatures and Pressures

a. The expected bottom hole pressure is 3065 psi. The maximum bottom hole temperature anticipated is 93 degrees Fahrenheit.

b. No hydrogen sulfide gas is anticipated. Abnormal pressures will be controlled with mud weight and 5,000# BOP and rotating head.

## 8. Anticipated Starting Dates and Notifications of Operations

a. Drilling is anticipated to commence immediately upon approval

b. It is anticipated that the drilling of this well will take approximately 9 days (from Spud to rig release).

c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction and 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 to approval from the AO will be obtained and notification given before resuming operations.

e. The spud date will be reported orally to the AO within 48 hours of spudding. If the spudding occurs on a weekend or holiday, the report will be submitted via voice mail and/or e-mail to the AO.

f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report 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 Vernal BLM Office, 170 South 500 East, Vernal, Utah, 84078.

g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual or undesirable events shall be reported promptly to the AO 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, or 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 on producing status. Written notification, e-mail or otherwise, will be sent no latter 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 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.

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k. Pursuant to NTL-4A lessees or operators are authorized to vent/flare gas during initial well evaluation test, 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 authorized test period.

l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the BLM, Vernal Field Office within 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 commence without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5 will be filed within 30 days following the completion of the well for abandonment. The report will indicate where plugs were placed and the current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work has been completed to the satisfaction of the AO.

o. Pursuant to Onshore Oil and Gas Order No.1, lessees and operators have the responsibility of operating in a manner which conforms with the applicable Federal laws and regulations and with the State and local laws and regulations to the extent that such laws are applicable to operations on Federal lands.

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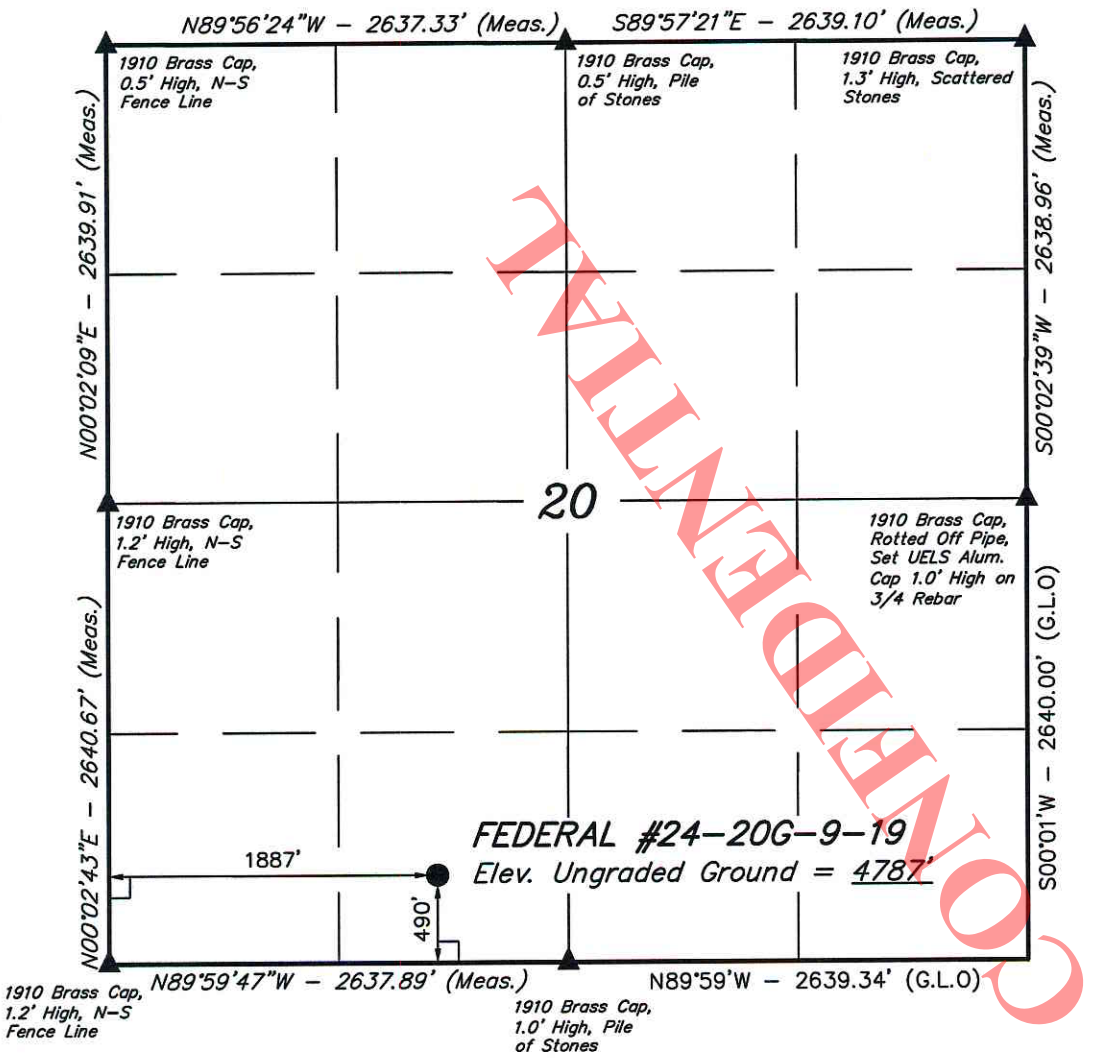
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Phone: (435)781-4400
Fax: (435)781-4410

After Hours:
Michael Lee Petroleum Engineer (435)828-4470

API Well Number: 43047525450000

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

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## GASCO PRODUCTION COMPANY

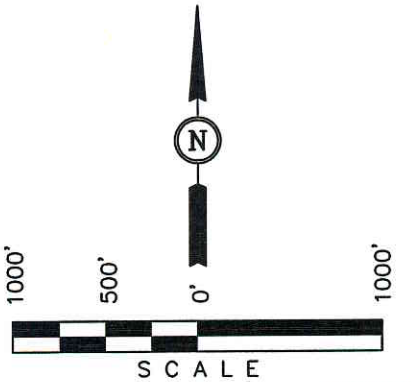
Well location, FEDERAL #24-20G-9-19, located as shown in the SE 1/4 SW 1/4 of Section 20, T9S, R19E, S.L.B.&M., Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR ROBERT L. KAY REGISTRATION NO. 161319 STATE OF UTAH

03-01-12

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

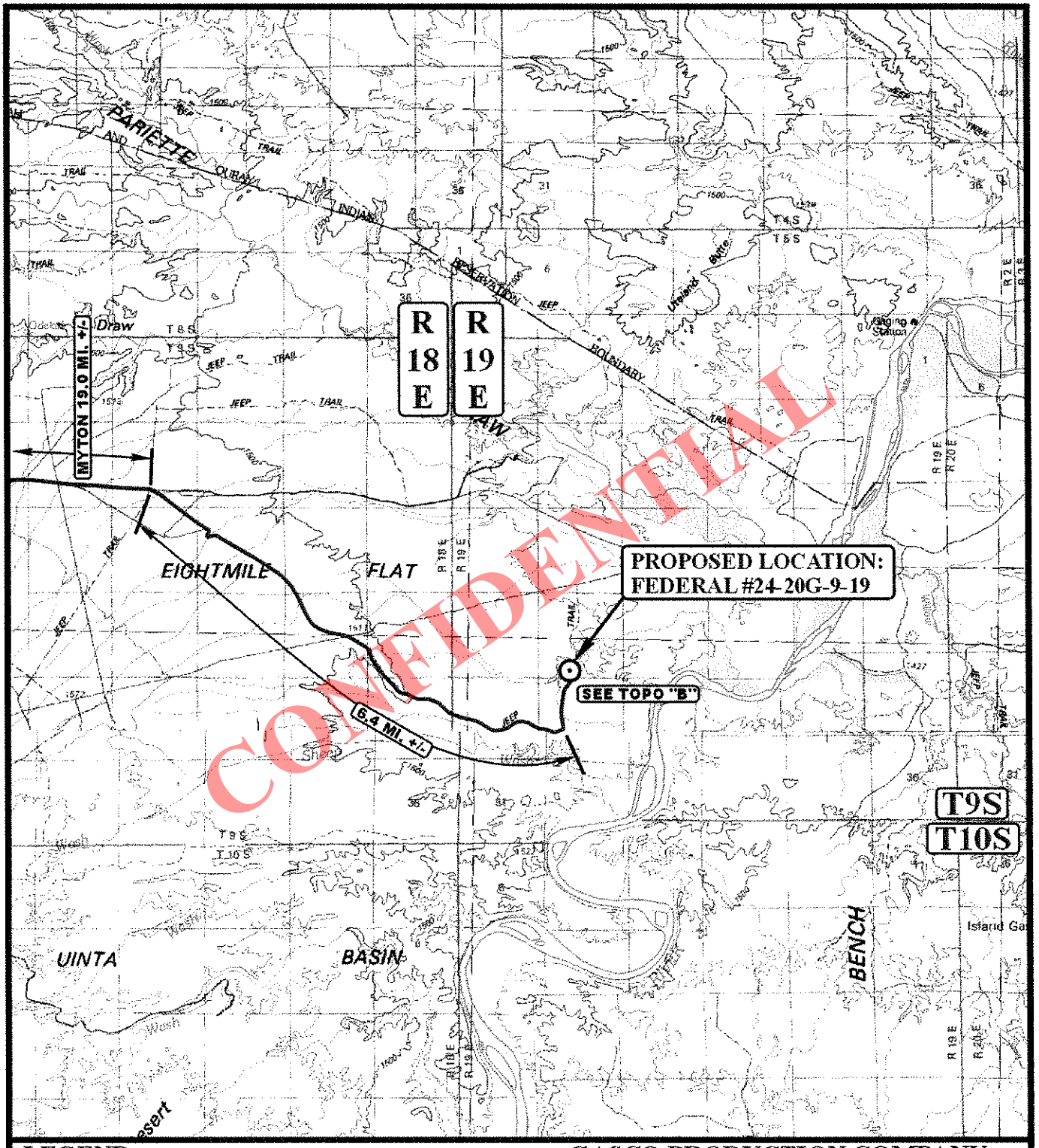
| | | |
|---|---|---|
| SCALE 1" = 1000' | DATE SURVEYED: 02-15-12 | DATE DRAWN: 02-27-12 |
| PARTY J.F. F.S. Z.L. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE GASCO PRODUCTION COMPANY | |

**LEGEND:**

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

| NAD 83 (SURFACE LOCATION) | |
|---|---|
| LATITUDE = | 40°00'37.82" (40.010506) |
| LONGITUDE = | 109°48'25.28" (109.807022) |
| **NAD 27 (SURFACE LOCATION)** | |
| LATITUDE = | 40°00'37.95" (40.010542) |
| LONGITUDE = | 109°48'22.77" (109.806325) |

API Well Number: 43047525450000




**LEGEND:**

⊙ PROPOSED LOCATION

N

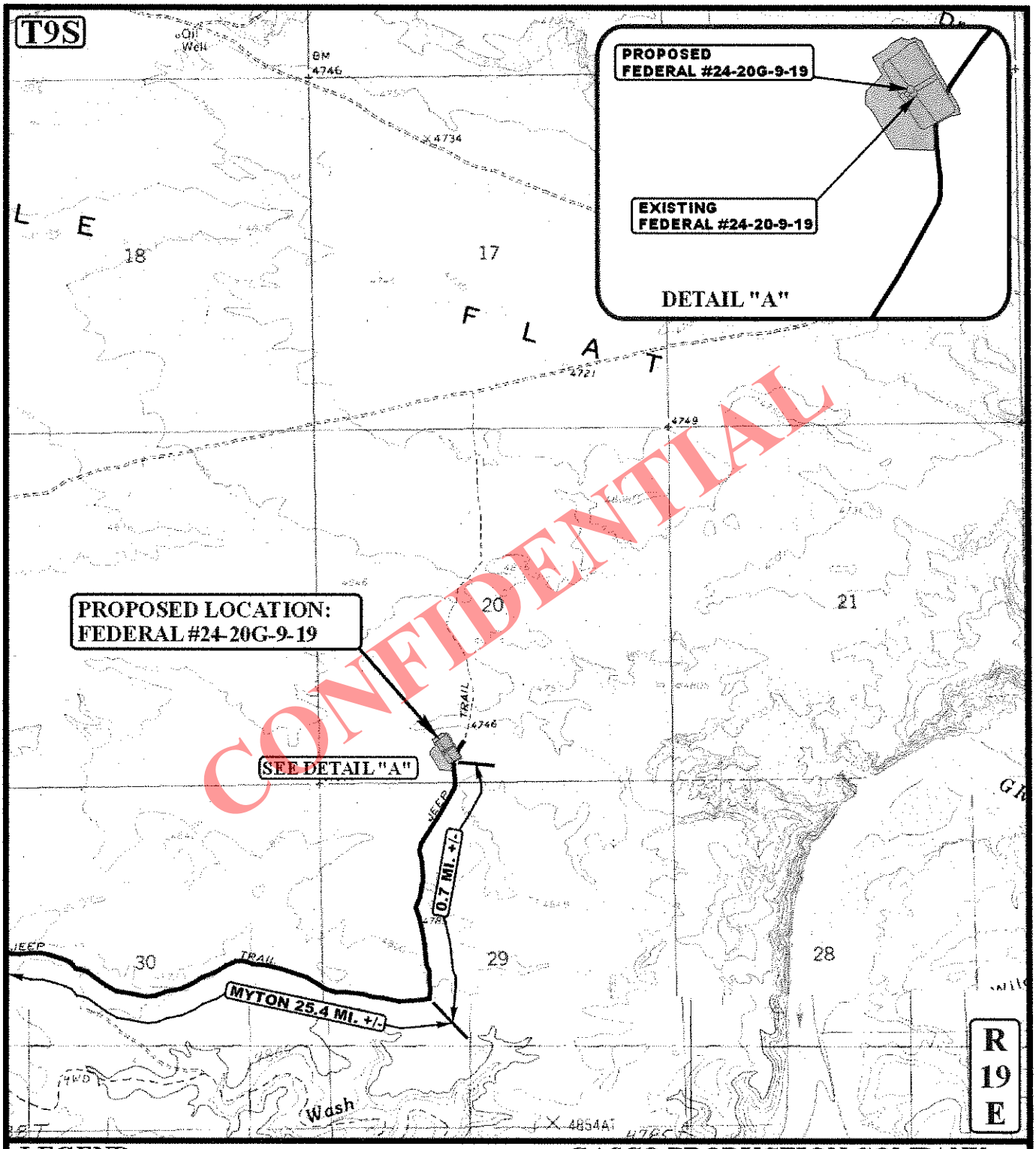
**GASCO PRODUCTION COMPANY**

FEDERAL #24-20G-9-19
SECTION 20, T9S, R19E, S.L.B.&M.
490' FSL 1887' FWL


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


| ACCESS ROAD MAP | 02 MONTH | 22 DAY | 12 YEAR | A TOPO |
|---|---|---|---|---|
| SCALE: 1:100,000 | DRAWN BY: J.L.H. | REVISED: 00-00-00 | | |

API Well Number: 43047525450000




**LEGEND:**

EXISTING ROAD
PROPOSED ACCESS ROAD

N

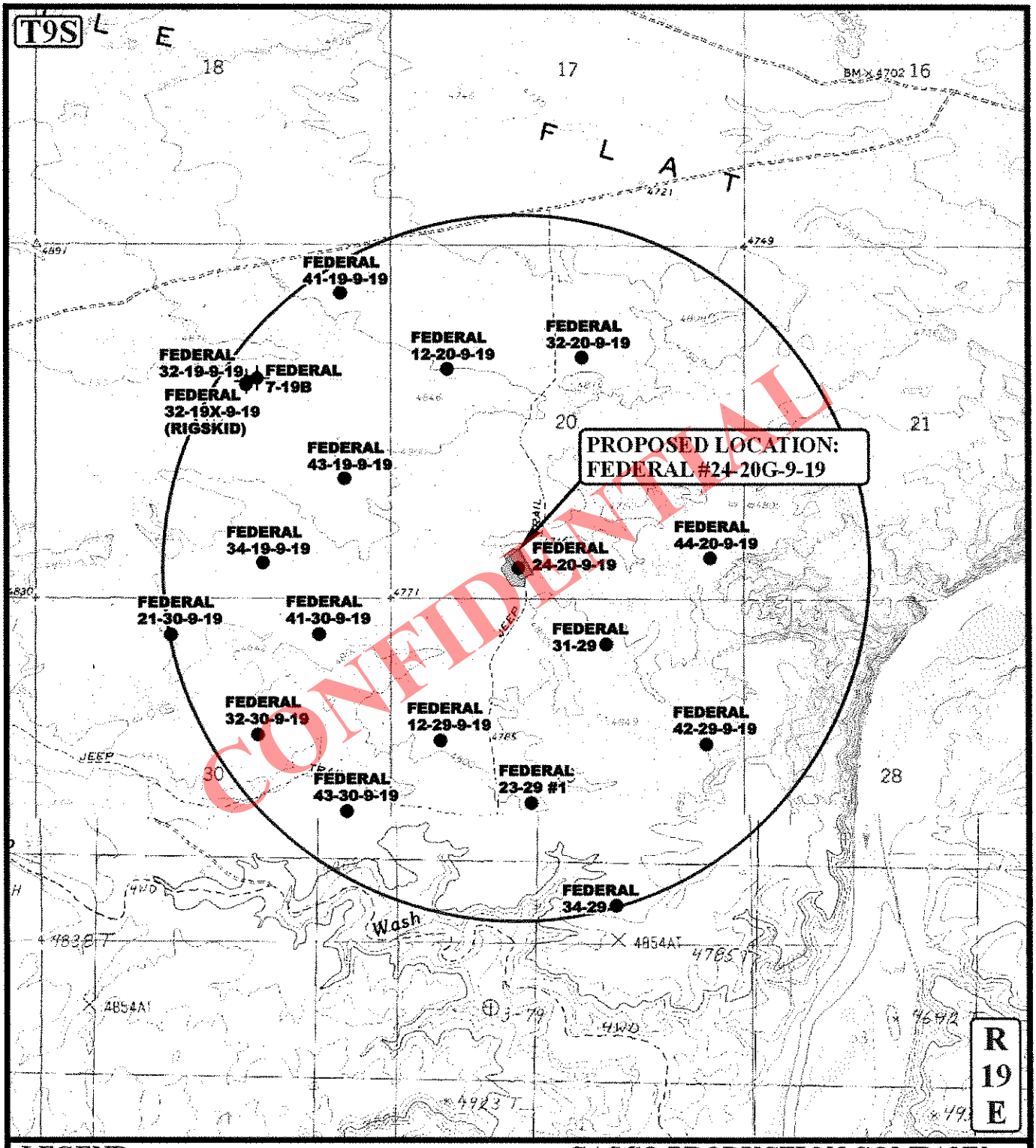
**GASCO PRODUCTION COMPANY**

FEDERAL #24-20G-9-19
SECTION 20, T9S, R19E, S.L.B.&M.
490' FSL 1887' FWL

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

| ACCESS ROAD MAP | 02 MONTH | 22 DAY | 12 YEAR | B TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.L.H. | REVISED: 00-00-00 | | |

API Well Number: 43047525450000




**LEGEND:**

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

N

**GASCO PRODUCTION COMPANY**

FEDERAL #24-20G-9-19
SECTION 20, T9S, R19E, S.L.B.&M.
490' FSL 1887' FWL


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


| TOPOGRAPHIC MAP | 02 MONTH | 22 DAY | 12 YEAR | C TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: J.L.H. | REVISED: 00-00-00 | | |

**Gasco Production Company**
**Federal 24-20G-9-19**
**SE/SW, Section 20, Township9S, Range19E**
**Uintah, Utah**
**Lease No. UTU- #75090**

ONSHORE OIL & GAS ORDER NO. 1

**Notification Requirements**

| | |
|---|---|
| Location Construction- | 48 hours prior to construction of location and access roads |
| Location completion- | prior to moving on with drilling rig. |
| Spud Notice- | at least 24 hours prior to spudding the well. |
| Casing String and Cementing- | 24 hours notice prior to running casing and cementing. |
| BOP and Related Equipment- | 24 hours prior to initiating pressure tests. |
| First Production Notice- | Within 5 business days after new well begins or production resumes after well has been off production for more than 90 days. |

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The onsite inspection for the subject well site will be conducted. Weather conditions, open ground and COA's will be noted and implemented prior to any site disturbance. Attendance at the onsite was the following individuals from BLM and Gasco:

| | |
|---|---|
| Bill Civish | Bureau of Land Management |
| Scott Duncan | Gasco Production Company |
| Jesse Duncan | Gasco Production Company |

## 1. Existing Roads

See Attached Topographic Map "A".

Description of travel from Topos.

## 2. Planned Access Road

See Attached Topographic Map "B" for location of the proposed access road.

## 3. Location of Existing Wells

See Attached Topographic Map "C"

a. Producing Wells -

b. Abandoned Wells -

## 4. Location of Tank Batteries and Production Facilities

a. All permanent surface equipment will be painted to BLM and UDOGM specifications.

b. Storage tanks batteries will be surrounded by containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank with in the contained area, unless more stringent requirements are necessary as notified by the AO.

c. A production layout will be submitted via sundry upon proven productivity of the well.

d. All loading lines will be placed inside the berm/dike surrounding the tank battery.

e. A Gas Meter Run will be placed within 500 ft. of the wellhead. Meter runs will be housed. The oil and gas measurement equipment will be installed on the well location. Measurement equipment will be calibrated in place prior to any deliveries. Tests for accuracy will be conducted monthly for the first three months on new 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 calibration reports will be submitted to the Vernal Field Office.

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f. Any necessary pits will be properly fenced to prevent any wildlife entry.

g. The access road will be maintained in a safe, usable condition conducive to the climate and seasonal conditions in order to accommodate daily operation of the well and prevent erosion.

h. No Pipeline ROW will be needed for this location. Transport by truck.

## 5. Location and Type of Water

a. Water will come from: Water Right No. 41-3530.

b. Water will be hauled by commercial transport over the access roads shown on Attached Maps "A" and "B".

c. No water well will be drilled on this lease.

## 6. Source of Construction Material

a. Any gravel used will be obtained from a commercial source.

b. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2.3.

c. No construction materials will be used from Federal lands.

## 7. Methods of Handling Waste Disposal

a. There will be a reserve pit located onsite. A closed loop system will be utilized if possible. If a closed loop system is used a small cuttings pit will be located onsite. Either pit will be built according to BLM and UDOGM regulations. Unless otherwise specified by BLM or UDOGM

b. All trash will be contained in an enclosed trash container through the drilling, completion, and facility construction phases and its contents removed and hauled to an approved disposal sight as needed.

c. A chemical porta-toilet will be furnished through the drilling, and completion phases.

d. After first production, produced waste water will be confined to an unlined pit or storage tank for a period not to exceed 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.

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.

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## 8. Ancillary Facilities

There are no airstrips, camps or other facilities planned during the drilling of this well except for those facilities needed for drilling rig personal, service providers and company representatives.

## 9. Well Site Layout

See attached Location Layout Diagram

## 10. Plans for Restoration of Surface

a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.

b. Upon completion, any hydrocarbon within the reserve pit will be removed in accordance with 43 CFR 3162.7-1.

c. The reserve pit will be backfilled and reclaimed within 120 days from the well completion. The reserve pit liner will be perforated and excess liner removed before backfilling. Alternatively, the pit will be pumped dry, the liner folded into the pit and buried to a minimum of 4' deep.

d. That portion of the location not needed for production facilities or operations, or any disturbed areas upon final plug and abandonment, will be re-contoured to approximate natural contours and seeded with a seed mixture and procedure specified by the AO. Additionally, the topsoil pile will be seeded with the same mixture and procedure as specified.

## 11. Surface Ownership

The proposed access road and well pad is on lands managed by the Bureau of Land Management.

## 12. Other Information

a. An archeological survey will be conducted by an authorized Archeological Consultant prior to any disturbance based on BLM and UDOGM guidance.

b. If historic or archeological materials are uncovered during construction, the operator will immediately stop work and contact the AO.

c. The operator will control noxious weeds along associated well pad, roads, pipelines, and surface equipment. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted and approved prior to the application of pesticides or herbicides.

d. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal lands after the conclusion of drilling operations or at any other time without BLM authorization.

e. All lease and 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 Notices to Lessees. The operator is fully responsible for the actions of his subcontractors.

f. A complete copy of the APD shall be on location during construction and drilling of this site.

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**Water Disposal**

Immediately upon first production all produced water will be confined to a steel storage tank. Water will be disposed of via truck transport to a State of Utah approved disposal site, such as Brennan Bottom.

**Wildlife Timing Stipulations** Any required actions or planning based on state or federal agencies will be implemented.

## 13. Lessee's or Operators Representative

**Gasco Production Company:**

Roger Knight
EHS Representative
8 Inverness Drive East, Suite 100
Englewood, CO 80112
(303)996-1803

Jesse Duncan
Utah Field Manager
PO Box 189
Myton, Utah 84052
(435)823-4800

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**Certification**

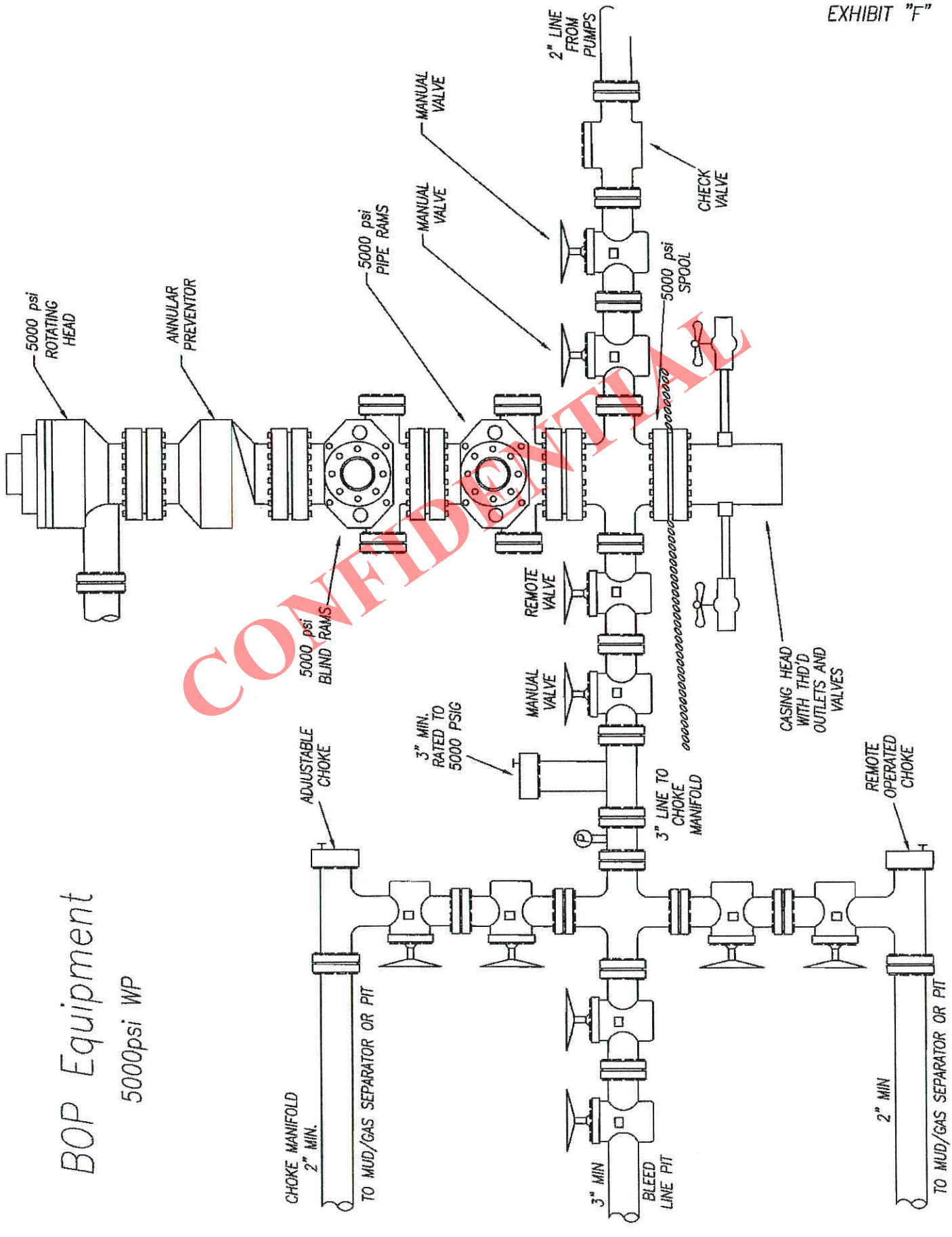
Please be advised that *Gasco Production Company.* is considered to be the operator of the *Well Federal 24-20G-9-19, SE/SW Section 20, T9S, R19E, Lease No. UTU-75090, Uintah County, Utah:* and is responsible under the term and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #. UT-1233

I herby certify that the proposed drill site and access road have been inspected and I am familiar with the conditions that currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Gasco Production Company its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. The statement is subject to the provisions of 18 U.S.C. 1000 for the filing of a false statement.

4-24-12
Date

Roger Knight
Gasco Production Company

EXHIBIT "F"




BOP Equipment

5000psi WP

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**Gasco Production Company**
Federal 24-20G-9-19
490' FSL & 1887' FWL
SE SW of section 20-T9S-R19E
Uintah County, UT

CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the well site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. The required $6,500 processing fee is being submitted concurrently with this APD package. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 18th day of April, 2012.

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Signature

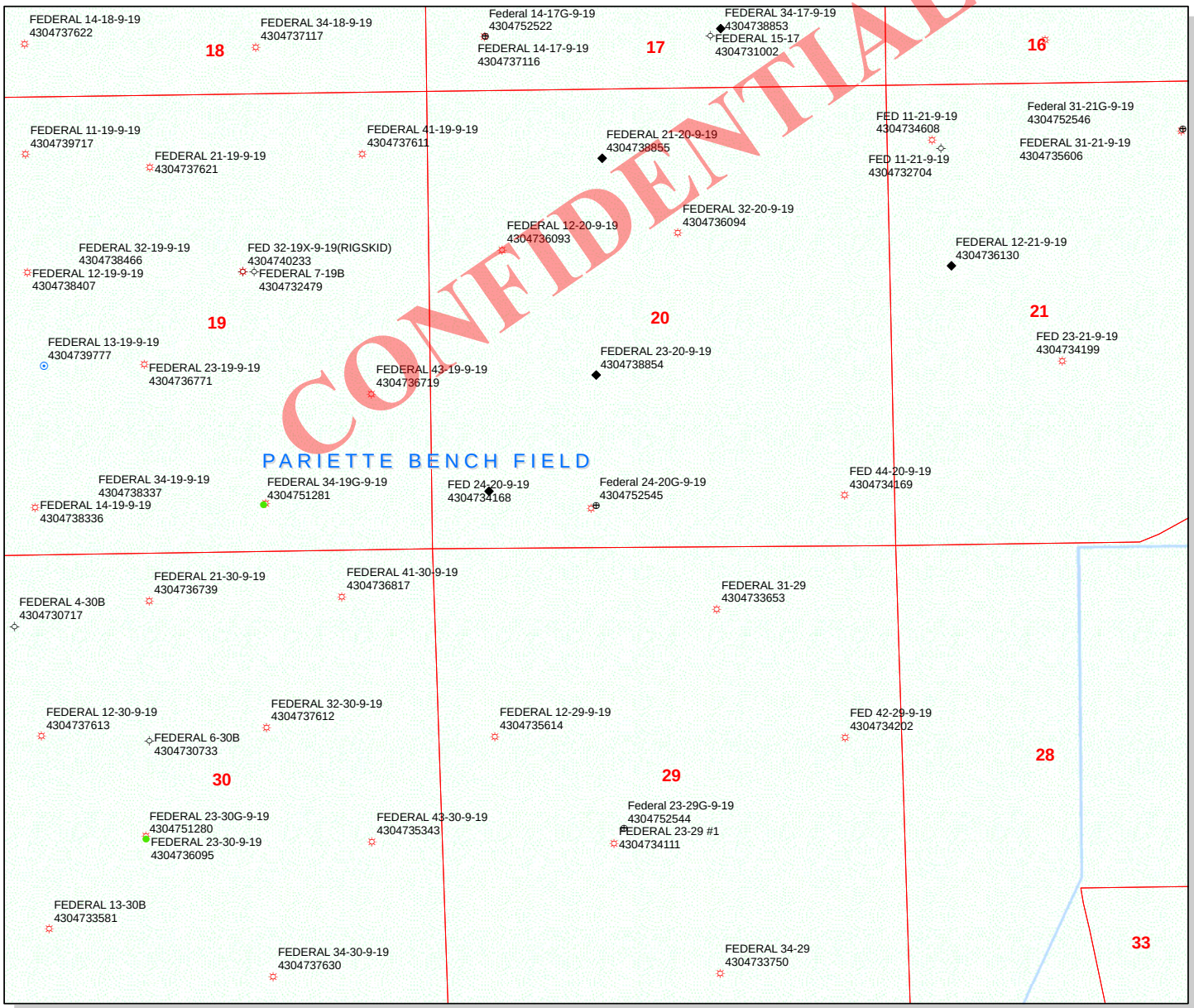
COO and Executive Vice President
Title

8 Inverness Drive East, Suite 100 Englewood, CO 80112
Address

303-483-0044
Phone

mdecker@gascoenergy.com
E-mail

API Well Number: 43047525450000




**API Number: 4304752545**

**Well Name: Federal 24-20G-9-19**

**Township T0.9 . Range R1.9 . Section 20**

**Meridian: SLBM**

Operator: GASCO PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

**Units**
**STATUS**
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Fields**
**STATUS**
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

**Wells Query**
**Status**
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

N

1,500 750 0 1,500 Feet

1:14,184

RECEIVED: April 25, 2012

# WORKSHEET
# APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 4/25/2012
**API NO. ASSIGNED:** 43047525450000
**WELL NAME:** Federal 24-20G-9-19
**OPERATOR:** GASCO PRODUCTION COMPANY (N2575)
**PHONE NUMBER:** 303 996-1803
**CONTACT:** Roger Knight

**PROPOSED LOCATION:** SESW 20 090S 190E
**Permit Tech Review:** ☑

**SURFACE:** 0490 FSL 1887 FWL
**Engineering Review:** ☐

**BOTTOM:** 0490 FSL 1887 FWL
**Geology Review:** ☑

**COUNTY:** UINTAH
**LATITUDE:** 40.01050
**LONGITUDE:** -109.80701
**UTM SURF EASTINGS:** 601819.00
**NORTHINGS:** 4429604.00
**FIELD NAME:** PARIETTE BENCH
**LEASE TYPE:** 1 - Federal
**LEASE NUMBER:** utu-75090
**PROPOSED PRODUCING FORMATION(S):** WASATCH
**SURFACE OWNER:** 1 - Federal
**COALBED METHANE:** NO

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**RECEIVED AND/OR REVIEWED:**

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - ut-1233
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 41-3530
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

**Commingling Approved**

**LOCATION AND SITING:**

- ☐ **R649-2-3.**

**Unit:**

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

**Board Cause No:** Cause 173-26
**Effective Date:** 4/17/2012
**Siting:** 460' Fr Exterior Lease Boundary

- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason

RECEIVED: May 03, 2012

GARY R. HERBERT
*Governor*

GREGORY S. BELL
*Lieutenant Governor*

# State of Utah

**DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
*Executive Director*

**Division of Oil, Gas and Mining**

JOHN R. BAZA
*Division Director*

# Permit To Drill

**********

**Well Name:** Federal 24-20G-9-19
**API Well Number:** 43047525450000
**Lease Number:** utu-75090
**Surface Owner:** FEDERAL
**Approval Date:** 5/3/2012

**Issued to:**
GASCO PRODUCTION COMPANY, 8 Inverness Dr. East, Suite 100, Englewood, CO 80112

**Authority:**
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 173-26. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**
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

**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.

**Conditions of Approval:**
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

**Notification Requirements:**
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
  (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov

**Reporting Requirements:**
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED

APR 27 2012

BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

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5. Lease Serial No.
UTU75090

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
FEDERAL 24-20G-9-19

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
GASCO PRODUCTION COMPANY
Contact: ROGER KNIGHT
E-Mail: rknight@gascoenergy.com

9. API Well No.
43-047-52545

3a. Address
8 INVERNESS DRIVE EAST SUITE 100
ENGELWOOD, CO 80112

3b. Phone No. (include area code)
Ph: 303-996-1805

10. Field and Pool, or Exploratory
8 MILE FLAT NORTH

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SESW 490FSL 1887FWL

At proposed prod. zone SESW 490FSL 1887FWL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 20 T9S R19E Mer SLB

14. Distance in miles and direction from nearest town or post office*
26 MILES SE OF MYTON UT.

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
490

16. No. of Acres in Lease
680.00

17. Spacing Unit dedicated to this well

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
3000

19. Proposed Depth
5552 MD
5552 TVD

20. BLM/BIA Bond No. on file
UT1233

21. Elevations (Show whether DF, KB, RT, GL, etc.
4787 GL

22. Approximate date work will start
08/12/2012

23. Estimated duration
9 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.
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).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
ROGER KNIGHT Ph: 303-996-1805

Date
04/25/2012

Title
AUTHORIZED REPRESENTATIVE

Approved by (Signature)

Name (Printed/Typed)
Jerry Kenczka

Date
NOV 20 2012

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

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

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

RECEIVED

NOV 29 2012

DIV. OF OIL, GAS & MINING

ODOGM

**Electronic Submission #136362 verified by the BLM Well Information System**
**For GASCO PRODUCTION COMPANY, sent to the Vernal**
**Committed to AFMSS for processing by LESLIE ROBINSON on 04/30/2012 ()**

NOTICE OF APPROVAL

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

NCVC0788A9 NOS 3/7/12.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

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

| | | | |
|---|---|---|---|
| **Company:** | **Gasco Production Company** | **Location:** | **SESW, Sec. 20, T9S, R19E** |
| **Well No:** | **Federal 24-20G-9-19** | **Lease No:** | **UTU-75090** |
| **API No:** | **43-047-52545** | **Agreement:** | |

# OFFICE NUMBER: (435) 781-4400

# OFFICE FAX NUMBER: (435) 781-3420

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

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

## NOTIFICATION REQUIREMENTS

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of $NO_x$ per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of $NO_x$ per horsepower-hour.

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

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

- GASCO must comply with mitigation measures listed in Appendix B Table B-2 of the GASCO Record of Decision.

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NOx per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.

- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NOx per horsepower-hour.

- The following will be used as standard operating procedures: Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring, Glycol Dehydration and Amine Unites, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.

- All reclamation activities will comply with the Green River Reclamation Guidelines

- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were previously operated outside the Uinta Basin, to prevent weed seed introduction.

- All disturbance areas shall be monitored for noxious weeds annually, for a minimum of three growing seasons following completion of project or until desirable vegetation is established

- Noxious and invasive weeds will be controlled by the proponent throughout the area of project disturbance.

- Noxious weeds will be inventoried and reported to BLM in the annual reclamation report. Where an integrated pest management program is applicable, coordination has been undertaken with the state and local management program (if existing). A copy of the pest management plan will be submitted for each project.

- A pesticide use proposal (PUP) will be obtained for the project, by the proponent if applicable.

- A permitted paleontologist is to be present to monitor construction at all well pads during all surface disturbing actives: examples include the following; building of the well pad, access road, and pipelines.

To maintain compliance with current cactus survey protocols, the following measures will be required

1. If construction does not occur within 4 years of the original survey date, new 100% clearance surveys will be required.
2. Prior to construction within 4 years of the original survey date, a spot check survey will be required during the year of construction. KMG and their respective 3rd party surveyor will refer to the current *Sclerocactus* Spot Check Survey Methods, to determine site specific survey distances and intensity levels.
3. Spot check reports will be reported to the BLM and the US Fish and Wildlife Service.
4. Construction will not commence until written approval is received from the BLM

*Discovery Stipulation*: Reinitiation of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Uinta Basin hookless cactus is anticipated as a result of project activities.

- Construction or drilling is not allowed from January 1 – August 31 on the NBU 1022-3O pad to minimize impacts during golden eagle nesting.

- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified to conduct surveys for raptors. Depending upon the results of the surveys, permission to proceed may or may not be granted by the Authorized Officer.

- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.

- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
    a. do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
    b. limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
    c. limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.

- Screen all pump intakes with 3/32 inch mesh material.

- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).

- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:
    Northeastern Region
    318 North Vernal Avenue, Vernal, UT 84078
    Phone: (435) 781-9453

- GASCO can only use the following water source:
  Permit # 41-3530

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Additional cement required, for Cementing Program covering Production Casing strings. Top of cement for Production Casing string Cementing Program is Surface.
- Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored". Blooie line can be 35 feet. All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

**OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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

FORM 9

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

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-75090

## 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**
Oil Well

**8. WELL NAME and NUMBER:**
FEDERAL 24-20G-9-19

**2. NAME OF OPERATOR:**
GASCO PRODUCTION COMPANY

**9. API NUMBER:**
43047525450000

**3. ADDRESS OF OPERATOR:**
8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112

**PHONE NUMBER:**
303 996-1805 Ext

**9. FIELD and POOL or WILDCAT:**
PARIETTE BENCH

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
0490 FSL 1887 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 09.0S Range: 19.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

**TYPE OF SUBMISSION**

- ✓ NOTICE OF INTENT
  Approximate date work will start: 5/3/2014
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

**TYPE OF ACTION**

| | | |
|---|---|---|
| ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

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

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

**Date:** May 06, 2013

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Roger Knight | 303 996-1803 | EHS Supervisor |

| SIGNATURE | DATE |
|---|---|
| N/A | 5/2/2013 |

RECEIVED: May. 02, 2013

## The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047525450000

**API:** 43047525450000
**Well Name:** FEDERAL 24-20G-9-19
**Location:** 0490 FSL 1887 FWL QTR SESW SEC 20 TWNP 090S RNG 190E MER S
**Company Permit Issued to:** GASCO PRODUCTION COMPANY
**Date Original Permit Issued:** 5/3/2012

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Roger Knight **Date:** 5/2/2013
**Title:** EHS Supervisor **Representing:** GASCO PRODUCTION COMPANY

RECEIVED: May. 02, 2013

**FEDERAL APPROVAL OF THIS ACTION IS NECESSARY**

FORM 9

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

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-75090

## 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**
Oil Well

**8. WELL NAME and NUMBER:**
FEDERAL 24-20G-9-19

**2. NAME OF OPERATOR:**
GASCO PRODUCTION COMPANY

**9. API NUMBER:**
43047525450000

**3. ADDRESS OF OPERATOR:**
8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112

**PHONE NUMBER:**
303 996-1805 Ext

**9. FIELD and POOL or WILDCAT:**
PARIETTE BENCH

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:**
0490 FSL 1887 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**
Qtr/Qtr: SESW Section: 20 Township: 09.0S Range: 19.0E Meridian: S

**COUNTY:**
UINTAH

**STATE:**
UTAH

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

**TYPE OF SUBMISSION**

- ✓ NOTICE OF INTENT
  Approximate date work will start: 8/1/2013
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

**TYPE OF ACTION**

| | | |
|---|---|---|
| ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ DEEPEN | ☐ FRACTURE TREAT | ✓ NEW CONSTRUCTION |
| ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ☐ APD EXTENSION |
| ☐ WILDCAT WELL DETERMINATION | ✓ OTHER | OTHER: change dimension of reserve |

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

Gasco Production Company requests to change the dimension of the reserve pit for the above referenced well prior to drilling. The reserve pit would be changed to be 100' by 80' by 6' from its current measurements of 65' by 25' by 6'. This pit location will be on a producing natural gas well pad. No new disturbance will be needed. The previously disturbed area from the producing natural gas well will be utilized.

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

**Date:** June 13, 2013

**By:** Dark K Quist

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Roger Knight | 303 996-1803 | EHS Supervisor |

| SIGNATURE | DATE |
|---|---|
| N/A | 6/6/2013 |

RECEIVED: Jun. 06, 2013

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-75090

## 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: Oil Well

8. WELL NAME and NUMBER: FEDERAL 24-20G-9-19

2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY

9. API NUMBER: 43047525450000

3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112

PHONE NUMBER: 303 996-1805 Ext

9. FIELD and POOL or WILDCAT: PARIETTE BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0490 FSL 1887 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 20 Township: 09.0S Range: 19.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start: 8/1/2014 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

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

Approved by the
Utah Division of
Oil, Gas and Mining
Date: May 12, 2014
By:

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Jessica Berg | 303 996-1805 | Regulatory Analyst |
| SIGNATURE: N/A | | DATE: 5/5/2014 |

RECEIVED: May. 05, 2014

## The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047525450000

**API:** 43047525450000
**Well Name:** FEDERAL 24-20G-9-19
**Location:** 0490 FSL 1887 FWL QTR SESW SEC 20 TWNP 090S RNG 190E MER S
**Company Permit Issued to:** GASCO PRODUCTION COMPANY
**Date Original Permit Issued:** 5/3/2012

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Jessica Berg **Date:** 5/5/2014
**Title:** Regulatory Analyst **Representing:** GASCO PRODUCTION COMPANY

RECEIVED: May. 05, 2014

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

JAN 20 2015

IN REPLY REFER TO:
3160 (UTG011)

Jessica Berg
Gasco Production Company
7979 Tufts Ave., Suite 1150
Denver, CO 80237

Dear Ms. Berg: 43-047-52545

The referenced Applications for Permit to Drill (APD) have expired. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced applications has expired. If you intend to drill at these locations in the future, a new Application for Permit to Drill must be submitted.

| Lease | Well | Aliquot | Sec., T., R. | Date Rec'd |
|---|---|---|---|---|
| UTU-16544 | Federal 14-17G-9-19 | SWSW | Sec. 17-T9S-R19E | 4/27/2012 |
| UTU-16544 | Federal 13-18G-9-19 | NWSW | Sec. 18-T9S-R19E | 4/27/2012 |
| UTU-16544 | Federal 23-18G-9-19 | NESW | Sec. 18-T9S-R19E | 4/24/2012 |
| UTU-75090 | Federal 24-20G-9-19 | SESW | Sec. 20-T9S-R19E | 4/27/2012 |
| UTU-76262 | Federal 23-29G-9-19 | NESW | Sec. 29-T9S-R19E | 4/27/2012 |
| UTU-78433 | Federal 31-21G-9-19 | NWNE | Sec. 21-T9S-R19E | 4/27/2012 |

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

bcc: Well File
I&E Asst.

RECEIVED
JAN 23 2015
DIV. OF OIL, GAS & MINING

GARY R. HERBERT
*Governor*

SPENCER J. COX
*Lieutenant Governor*

# State of Utah

**DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
*Executive Director*

**Division of Oil, Gas and Mining**

JOHN R. BAZA
*Division Director*

July 2, 2015

Gasco Production Company
7979 Tufts Ave., Suite 1150
Denver, CO 80237

Re: APD Rescinded – Federal 24-20G-9-19, Sec. 20, T.9S, R.19E, Uintah County, Utah API No. 43-047-52545

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 3, 2012. On May 6, 2013 and May 12, 2014 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 2, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/16/2015

| FORMER OPERATOR: | NEW OPERATOR: |
|---|---|
| Gasco Prodcution Company N2575<br>7979 E. Tufts Avenue, Suite 11500<br>Denver, CO 80237<br>303-996-1805 | Badlands Production Company N4265<br>7979 E. Tufts Avenue, Suite 11500<br>Denver, CO 80237<br>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 |

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76482

# SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT 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.

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

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

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

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

Michael Decker, Exec. Vice President & COO

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

Michael Decker, Exec. Vice President & COO

RECEIVED
JUN 02 2015
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lindsey Cooke TITLE Engineering Tech

SIGNATURE Lindsey Cooke DATE 5/18/2015

(This space for State use only)

APPROVED
JAN 22 2016
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

| 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 |

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| 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 |

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| 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 |