002

PERMITCO
PETROLEUM PERMITTING COMPANY

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

RECEIVED
JAN 07 2005
DIV. OF OIL, GAS & MINING

January 5, 2005

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

Attn: Diana Whitney

Re: Gasco Production Company
Desert Spring State #21-36-9-18
729' FNL and 1920' FWL
NE NW Section 36, T9S - R18E
Uintah County, Utah
Lease No. ML-45171

Diana,

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

The archeological report will be submitted separately by Grand River Institute.

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

Sincerely,

PERMITCO INC.

Venessa Langmacher

Venessa Langmacher
Consultant for
Gasco Production Company

Enc.

cc: Gasco Production Company - Englewood, CO
Shawn Elworthy - Roosevelt, UT
Utah Division of Oil, Gas & Mining - Roosevelt, UT
Utah State Lands - SLC, UT

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL TIGHT-HOLE

Desert Spring State #21-36-9-18
729' FNL and 1920' FWL
NE NW Section 36, T9S - R18E
Uintah County, Utah

Prepared For:

Gasco Production Company

By:

PERMITCO INC.
14421 County Road 10
Fort Lupton, CO 80621
303/857-9999

CONFIDENTIAL-TIGHT HOLE

Copies Sent To:

2 - Utah Division of Oil, Gas & Mining - SLC, UT
1 - Utah Division of State Lands - SLC, UT
1 - Utah Division of Oil, Gas & Mining - Roosevelt, UT
2 - Gasco Production Company - Englewood, CO
1 - Shawn Elworthy - Roosevelt, UT

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

001

# APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.: ML-45171
6. SURFACE: State

1A. TYPE OF WORK: DRILL ☒ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☒ OTHER _____ SINGLE ZONE ☒ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Gasco Production Company

9. WELL NAME and NUMBER: Desert Spring State #21-36-9-18

3. ADDRESS OF OPERATOR: 14 Inverness Drive East, Suite H236, Englewood, CO 80112
PHONE NUMBER: 303/483-0044

10. FIELD AND POOL, OR WILDCAT: ~~Riverbend~~ Eight Mile Flat North

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 598713X 4427371Y 729' FNL and 1920' FWL 39.992645 -109.843737
AT PROPOSED PRODUCING ZONE: NE NW

11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 36, T9S - R18E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 25.8 miles southeast of Myton, UT

12. COUNTY: Uintah
13. STATE: UT

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 729'
16. NUMBER OF ACRES IN LEASE: 640
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 Acres

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): 1700'
19. PROPOSED DEPTH: 11,755'
20. BOND DESCRIPTION: Bond No. 4127763

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4919' GL
22. APPROXIMATE DATE WORK WILL START: ASAP
23. ESTIMATED DURATION: 40 Days

24. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH | CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT |
|---|---|---|---|
| 17-1/2" | 13-3/8", H-40, 48# | 170' | 225 sx Premium Type 5, 15.6 ppg, 1.18 yield |
| 12-1/4" | 8-5/8", J-55, 32# | 3,458' | 576 sx Hi-Lift, 11 ppg, 3.91 yield + 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield |
| 7-7/8" | 4-1/2", P-110, 13.5# | 11,755' | 366 sx Hi-Lift, 11.5 ppg, 3.05 yield + 1434 sx 50/50 Poz, 14.1 ppg, 1.28 yield |
| | | | |
| | | | |
| | | | |
| | | | |

25. 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
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

AGENT: PermitCo Inc., 14421 County Road 10, Fort Lupton, CO 80621
AGENT'S PHONE NO.: 303/857-9999

NAME (PLEASE PRINT) Venessa Langmacher
TITLE Agent for Gasco Production Company

SIGNATURE Venessa Langmacher
DATE January 5, 2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36920

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 04-04-05
By: [signature]

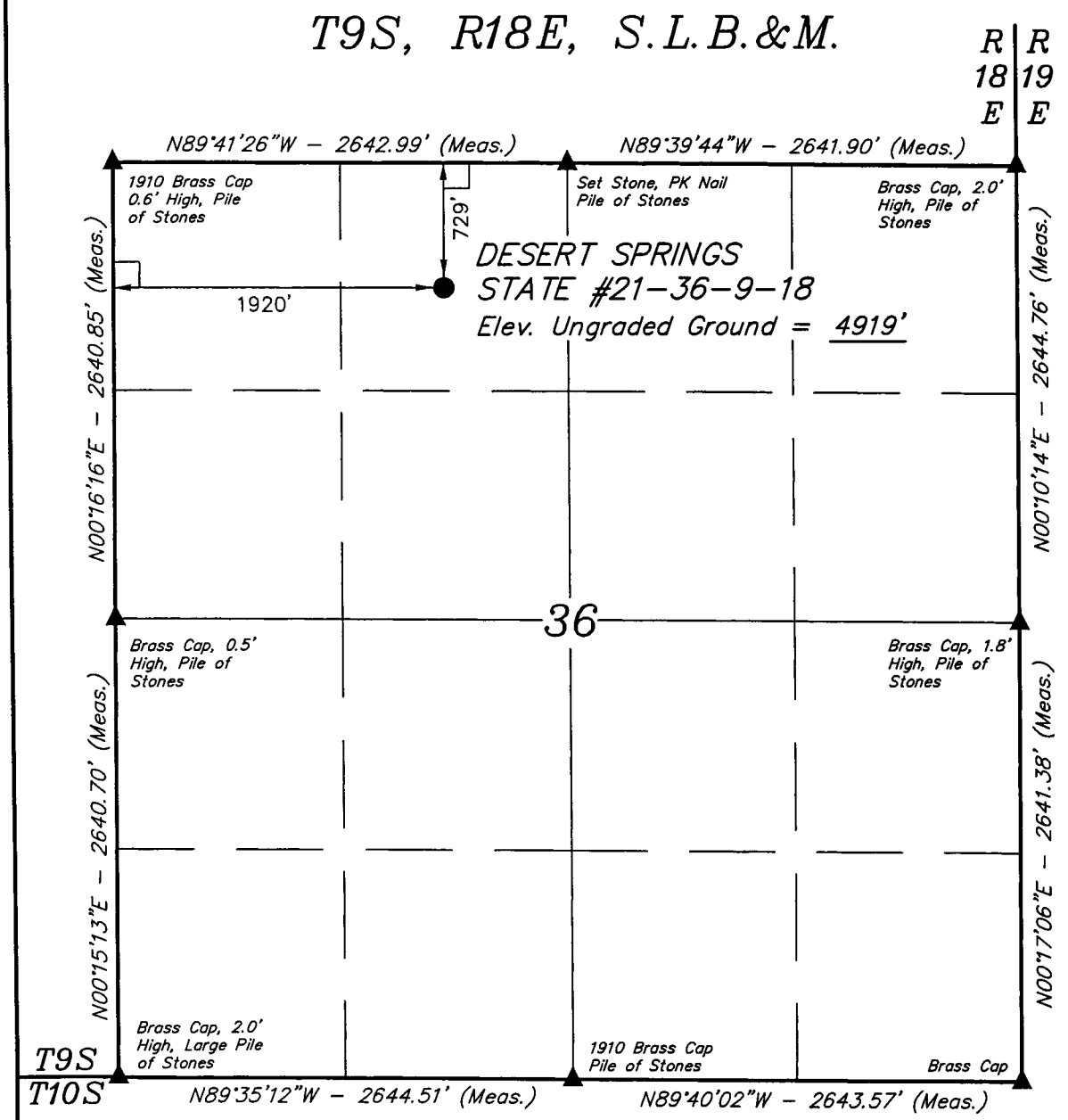
(See Instructions on Reverse Side)

(11/2001)

RECEIVED
JAN 7
DIV OF OIL, GAS & MINING

# GASCO PRODUCTION COMPANY

Well location, DESERT SPRINGS STATE #21-36-9-18, located as shown in the NE 1/4 NW 1/4 of Section 36, T9S, R18E, S.L.B.&M. Uintah County, Utah.

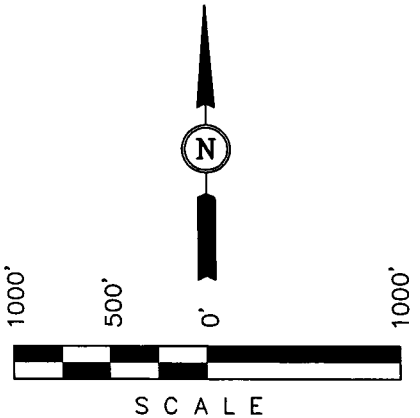



## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 36, T9S, R18E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4838 FEET.

## BASIS OF BEARINGS

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




## CERTIFICATE

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

Robert H Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
LATITUDE = 39°59'33.59" (39.992664)
LONGITUDE = 109°50'40.50" (109.844583)
(AUTONOMOUS NAD 27)
LATITUDE = 39°59'33.72" (39.992700)
LONGITUDE = 109°50'37.98" (109.843883)

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

| | | |
|---|---|---|
| SCALE 1" = 1000' | DATE SURVEYED: 12-20-04 | DATE DRAWN: 12-28-04 |
| PARTY S.H. L.M. D.R.B. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE GASCO PRODUCTION COMPANY | |

**From:** Ed Bonner
**To:** Whitney, Diana
**Date:** 4/1/2005 11:55:03 AM
**Subject:** Re: Wells clearance

These locations have received cultural resources clearance

>>> Diana Whitney 3/29/2005 3:05:13 PM >>>

Hi Ed,

Do you have a wells clearance for the following

Desert Spring State 43-36-9-18
Desert Spring State 12-36-9-18
Desert Spring State 23-36-9-18
Desert Spring State 21-36-9-18
Desert Spring State 34-36-9-18

Thanks,
Diana

The proposed wellsite is located on State Surface/State Minerals.

## 1. Estimated Tops/Geologic Markers

The estimated tops of important geologic markers are as follows:

| *Formation* | *Depth* | *Subsea* |
|---|---|---|
| Wasatch | 5,235' | -308' |
| Mesaverde | 9,055' | -4,128' |
| Castlegate | 11,555' | -6,628' |
| T.D. | 11,755' | -6,828' |

## 2. Estimated Depths and Names of Anticipated Water, Oil, Gas or Other Minerals Bearing Formations.

| *Substance* | *Formation* | *Depth* |
|---|---|---|
| Gas | Wasatch | 5,235' |
| Gas | Mesaverde | 9,055' |

## 3. Well Control Equipment & Testing Procedures

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

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

Gasco will comply will all requirements pertaining to well control as listed in the Rule R649-3-7 of the Utah Division of Oil, Gas & Mining.

The size and rating of the BOP stack is shown on the attached diagram.

PETROLEUM PERMITTING
PERMITCO
COMPANY

## 4. Casing Program

The proposed casing program will be as follows:

| *Purpose* | *Depth* | *Hole Size* | *O.D.* | *Weight* | *Grade* | *Type* | *New/Used* |
|---|---|---|---|---|---|---|---|
| Conductor | 0-170' | 17-1/2" | 13-3/8" | 48# | H-40 | - - - | New |
| Surface | 0-3,458' | 12-1/4" | 8-5/8" | 32# | J-55 | ST&C | New |
| Production | 0-11,755' | 7-7/8" | 4-1/2" | 13.5# | P-110 | LT&C | New |

Casing design subject to revision based on geologic conditions encountered.

## 5. Cement Program

| *Surface* | *Type and Amount* |
|---|---|
| TOC - Surface | 225 sx Premium Type 5, 15.6 ppg, 1.18 yield |
| ***Intermediate*** | ***Type and Amount*** |
| TOC - Surface | Lead: 576 sx Hi-Lift, 11 ppg, 3.91 yield<br>Tail: 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield |
| ***Production*** | ***Type and Amount*** |
| TOC - 2,500' | Lead: 366 sx Hi-Lift, 11.5 ppg, 3.05 yield.<br>Tail: 1434 sx 50/50 Poz @ 14.1 ppg, 1.28 yield. |

## 6. Drilling Fluids

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

| *Interval* | *Mud Type* | *Mud Wt.* | *Visc.* | *F/L* | *PH* |
|---|---|---|---|---|---|
| 0 - 3,458' | Water | 8.4 | --- | --- | 8 |
| 3,458' - 9,000' | DAP & Water | 9.0-9.4 | --- | --- | 8 |
| 9,000' - T.D. | DAP Polymer Mud | 9.4-11.5 | 30-40 | 15-20 | 7-8 |

## 7. Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated.

b. The logging program will consist of a Triple Combo to be run from TD to 3,458' and a GR will be run from TD to surface.

c. No cores are anticipated.

## 8. Anticipated Pressures and $H_2S$

a. No $H_2S$ is expected. The maximum anticipated bottom hole pressure is 7029 psi. The maximum bottom hole temperature is 210 degrees Fahrenheit.

## 9. Water Source

a. All water used for the drilling of this well will be purchased from the Nebeker Water Station in Myton, UT. Permit No. 43-1723.

**10. Other Information**

a. Drilling is planned to commence immediately upon approval of this application.

b. It is anticipated that the drilling of this well will take approximately 40 days.

c. Lining of the reserve pit will be done if deemed necessary by the Utah Division of Oil, Gas and Mining.

d. At the end of drilling operations the location will be reclaimed and re-seeded as requested by the State of Utah.

e. Surface Ownership

State of Utah

PETROLEUM PERMITTING
PERMITCO
COMPANY

# GASCO PRODUCTION COMPANY

## DESERT SPRINGS STATE #21-36-9-18

**LOCATED IN UINTAH COUNTY, UTAH**
**SECTION 36, T9S, R18E, S.L.B.&M.**

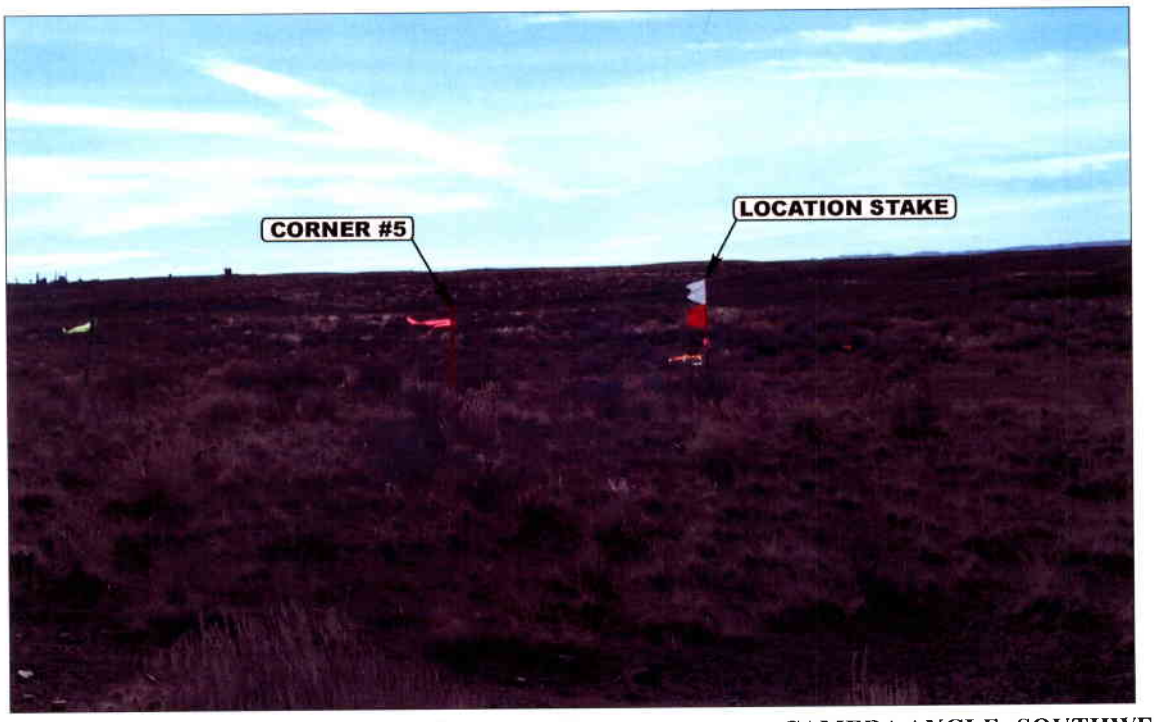
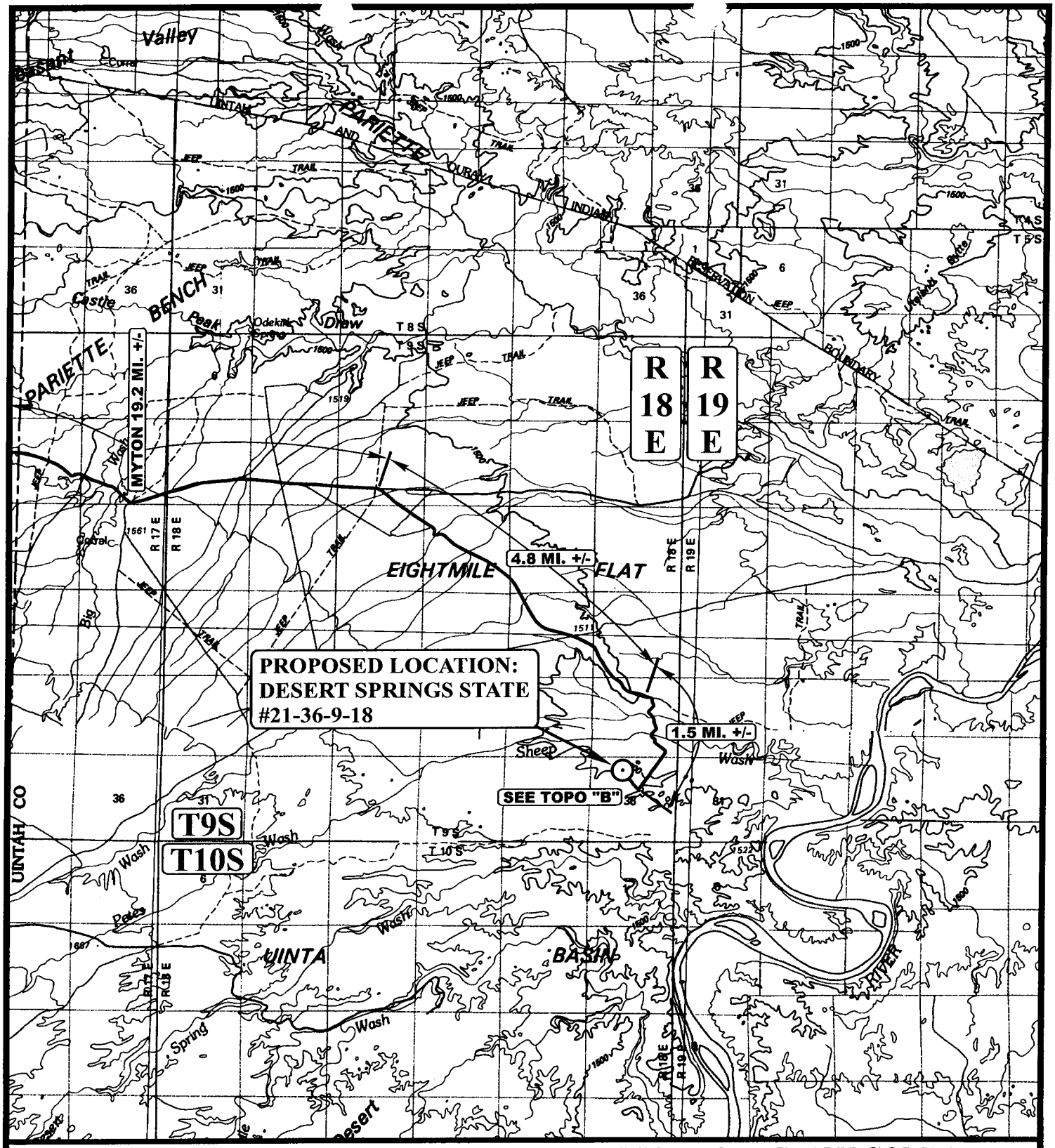



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE** **CAMERA ANGLE: SOUTHWESTERLY**

**PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS** **CAMERA ANGLE: WESTERLY**


- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com


| LOCATION PHOTOS | 12 MONTH | 21 DAY | 04 YEAR | PHOTO |
|---|---|---|---|---|
| TAKEN BY: S.H. | DRAWN BY: P.M. | REVISED: 00-00-00 | | |




## LEGEND:

⊙ PROPOSED LOCATION

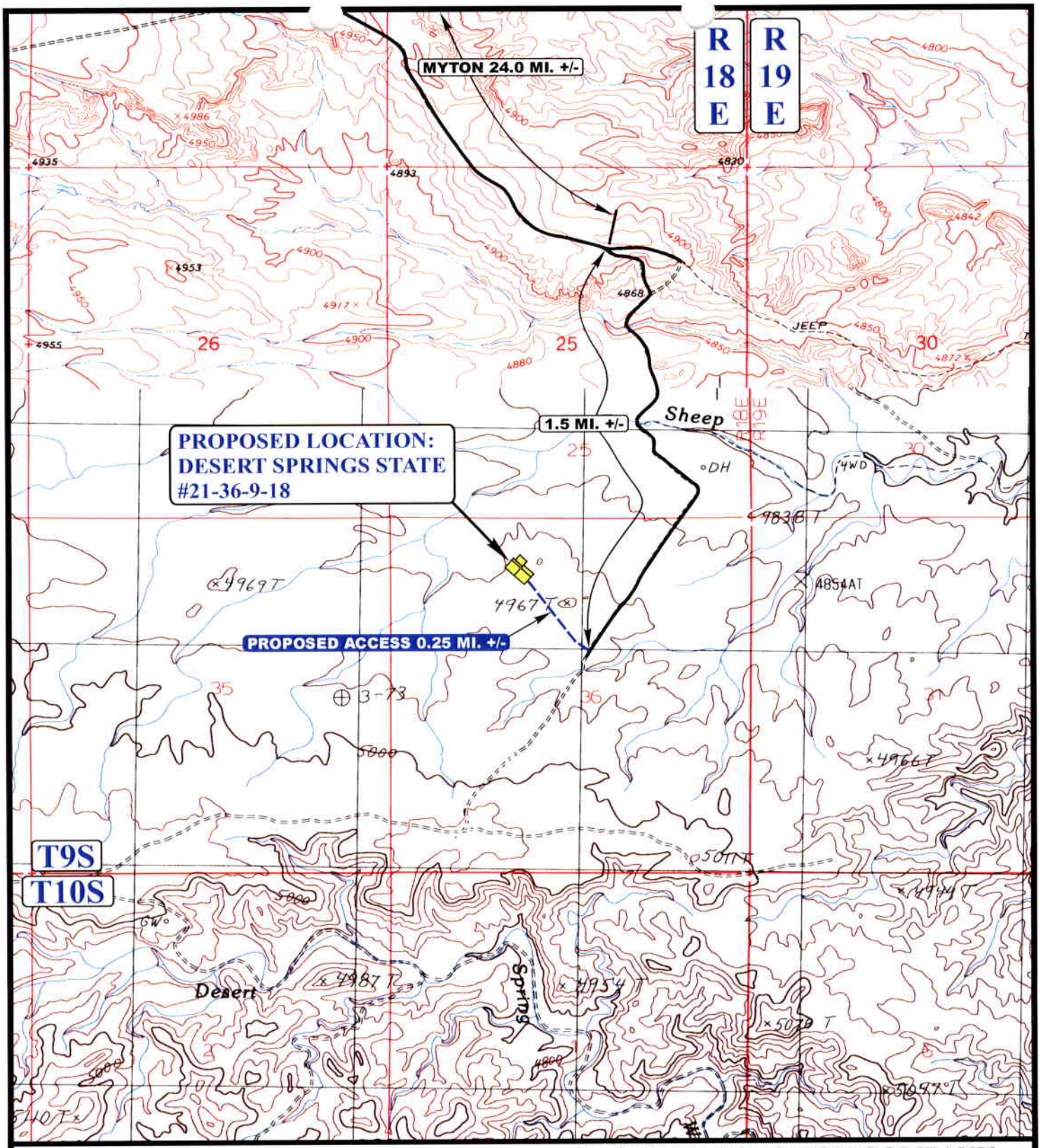
N

## GASCO PRODUCTION COMPANY

**DESERT SPRINGS STATE #21-36-9-18**
**SECTION 36, T9S, R18E, S.L.B.&M.**
**729' FNL 1920' FWL**


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


| TOPOGRAPHIC MAP | 12 MONTH | 21 DAY | 04 YEAR | A TOPO |
|---|---|---|---|---|
| SCALE: 1:100,000 | DRAWN BY: P.M. | REVISED: 00-00-00 | | |




**LEGEND:**

EXISTING ROAD

PROPOSED ACCESS ROAD

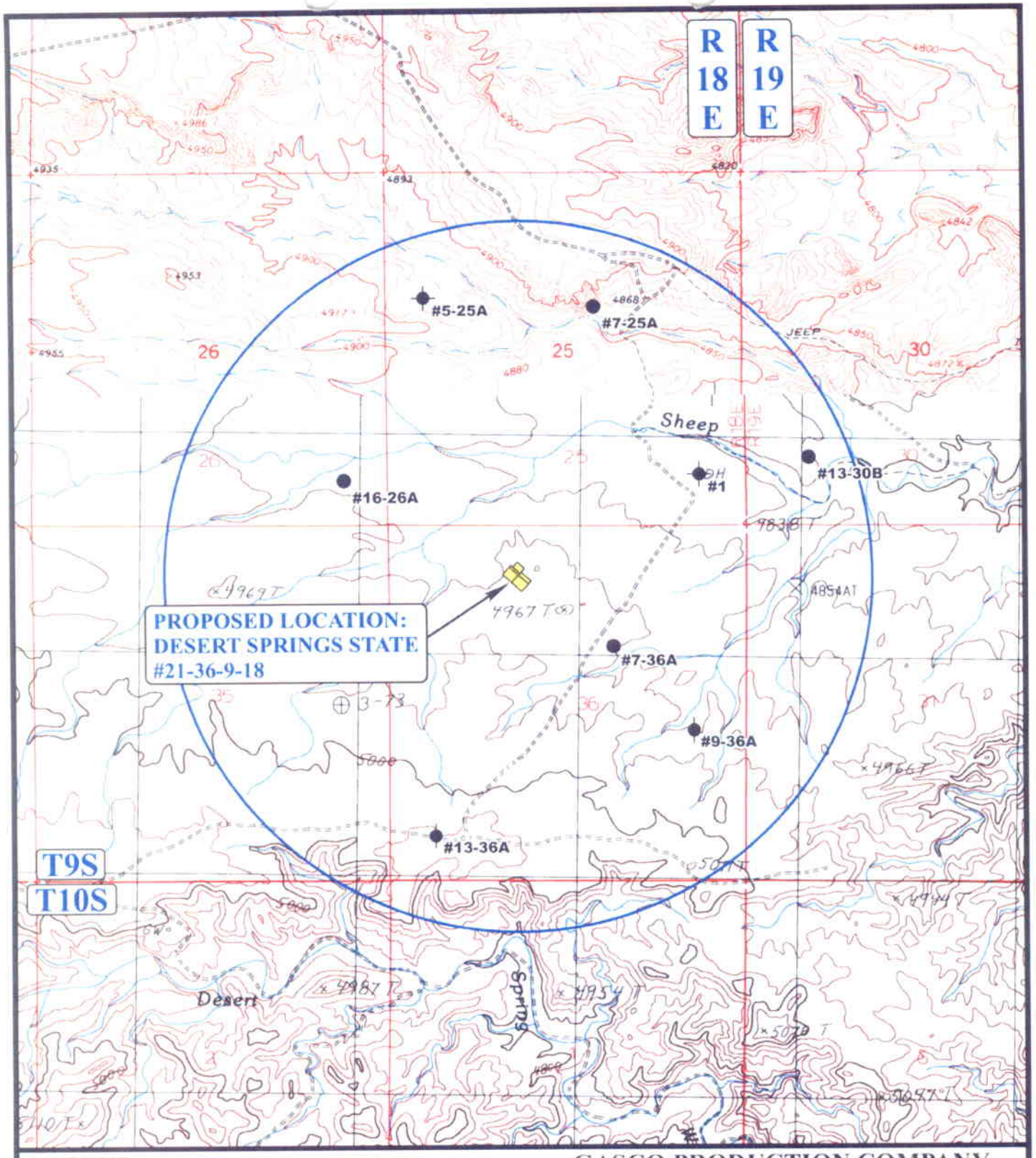
N

**GASCO PRODUCTION COMPANY**

**DESERT SPRINGS STATE #21-36-9-18**
**SECTION 36, T9S, R18E, S.L.B.&M.**
**729' FNL 1920' FWL**


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


| TOPOGRAPHIC MAP | 12 MONTH | 21 DAY | 04 YEAR | B TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: P.M. | REVISED: 00-00-00 | | |




**LEGEND:**

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

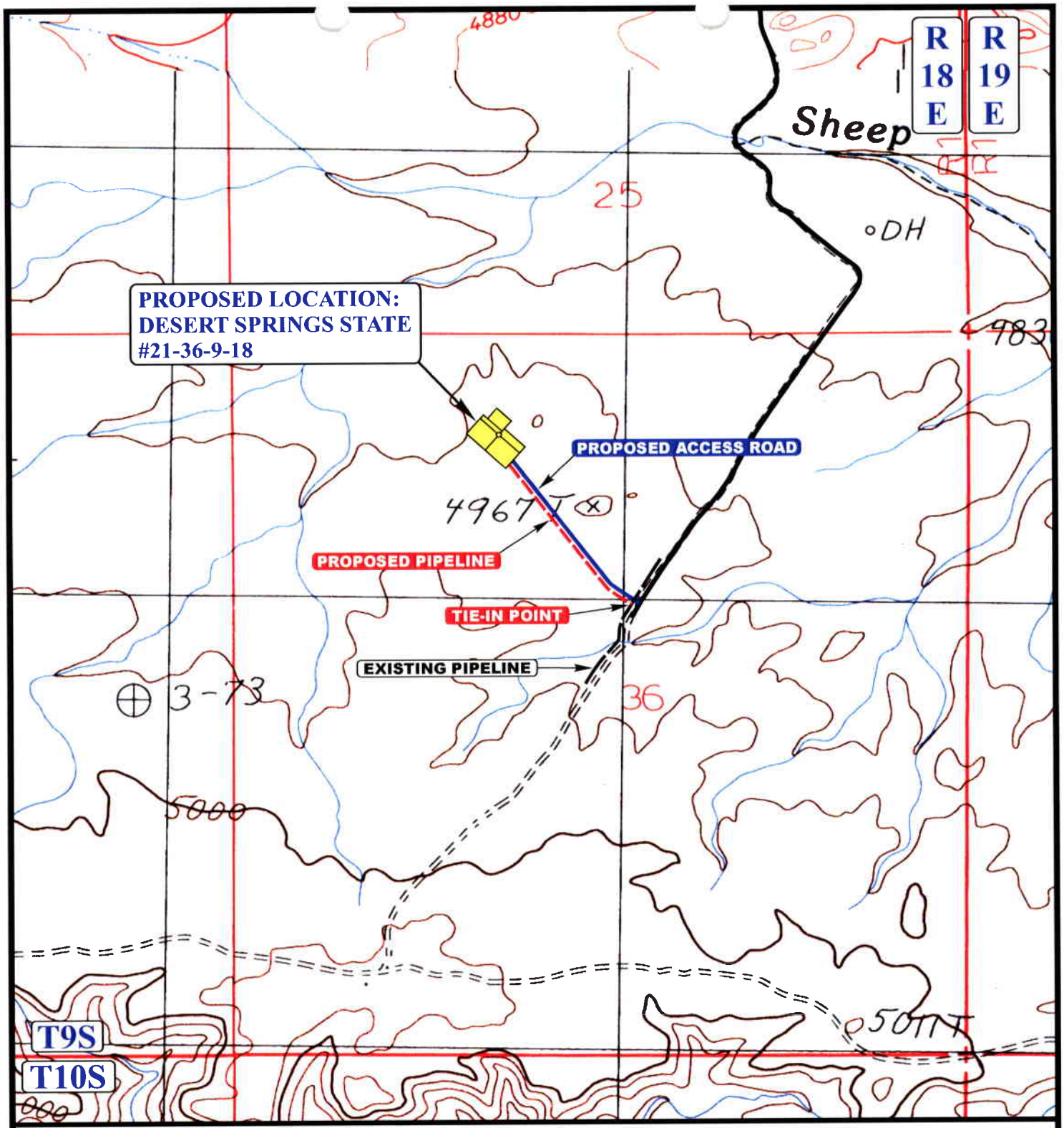
N

**GASCO PRODUCTION COMPANY**

**DESERT SPRINGS STATE #21-36-9-18**
**SECTION 36, T9S, R18E, S.L.B.&M.**
**729' FNL 1920' FWL**


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


| TOPOGRAPHIC MAP | 12 MONTH | 21 DAY | 04 YEAR | C TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: P.M. | REVISED: 01-05-05 | | |




APPROXIMATE TOTAL PIPELINE DISTANCE = 1,336' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N

**GASCO PRODUCTION COMPANY**

**DESERT SPRINGS STATE #21-36-9-18**
**SECTION 36, T9S, R18E, S.L.B.&M.**
**729' FNL 1920' FWL**

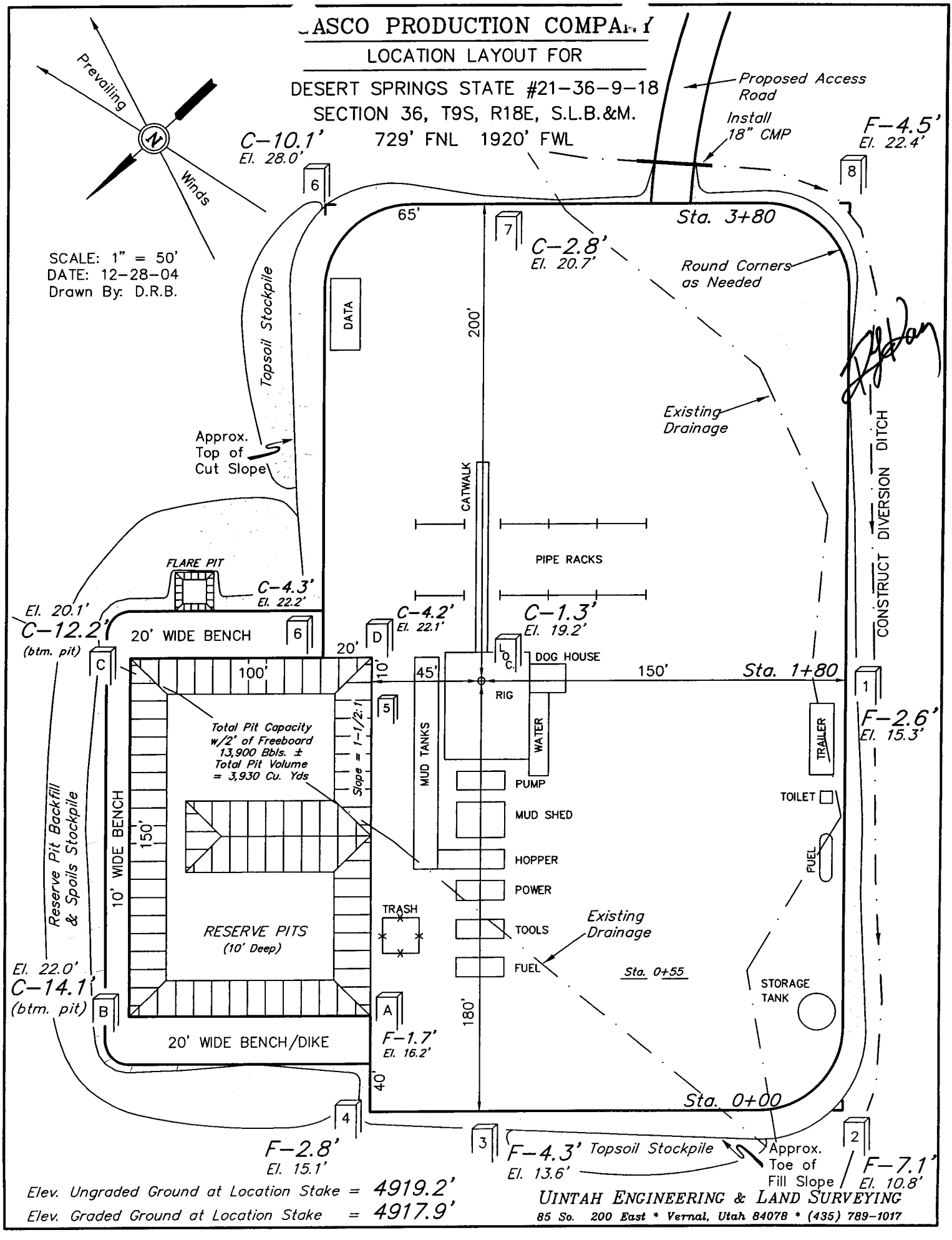

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813


| TOPOGRAPHIC MAP | 12 MONTH | 21 DAY | 04 YEAR | D TOPO |
|---|---|---|---|---|
| SCALE: 1" = 1000' | DRAWN BY: P.M. | REVISED: 00-00-00 | | |

# EASCO PRODUCTION COMPANY

## LOCATION LAYOUT FOR

DESERT SPRINGS STATE #21-36-9-18
SECTION 36, T9S, R18E, S.L.B.&M.
729' FNL 1920' FWL



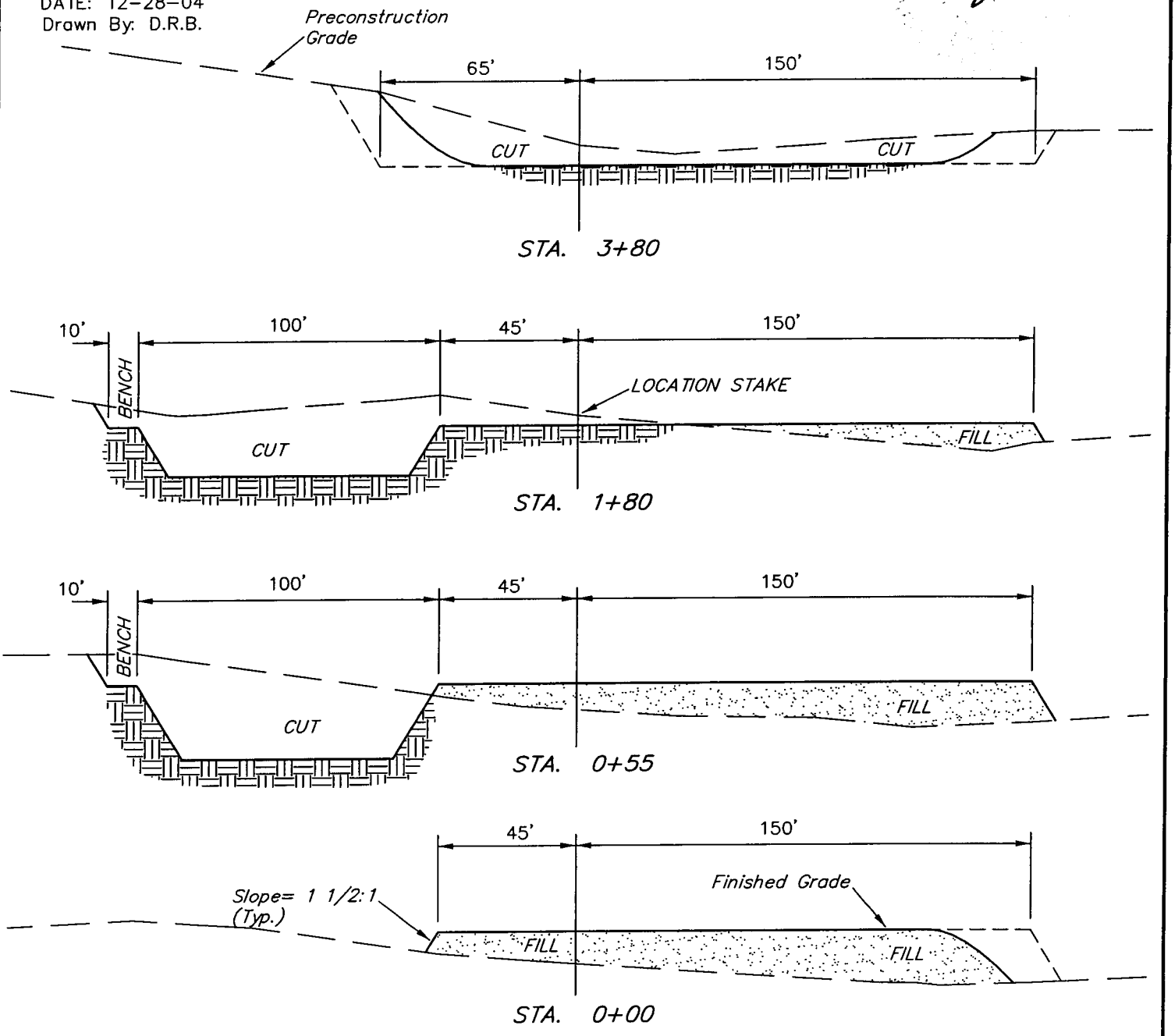
# GASCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

DESERT SPRINGS STATE #21-36-9-18
SECTION 36, T9S, R18E, S.L.B.&M.
729' FNL 1920' FWL

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

DATE: 12-28-04
Drawn By: D.R.B.




* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

## APPROXIMATE YARDAGES

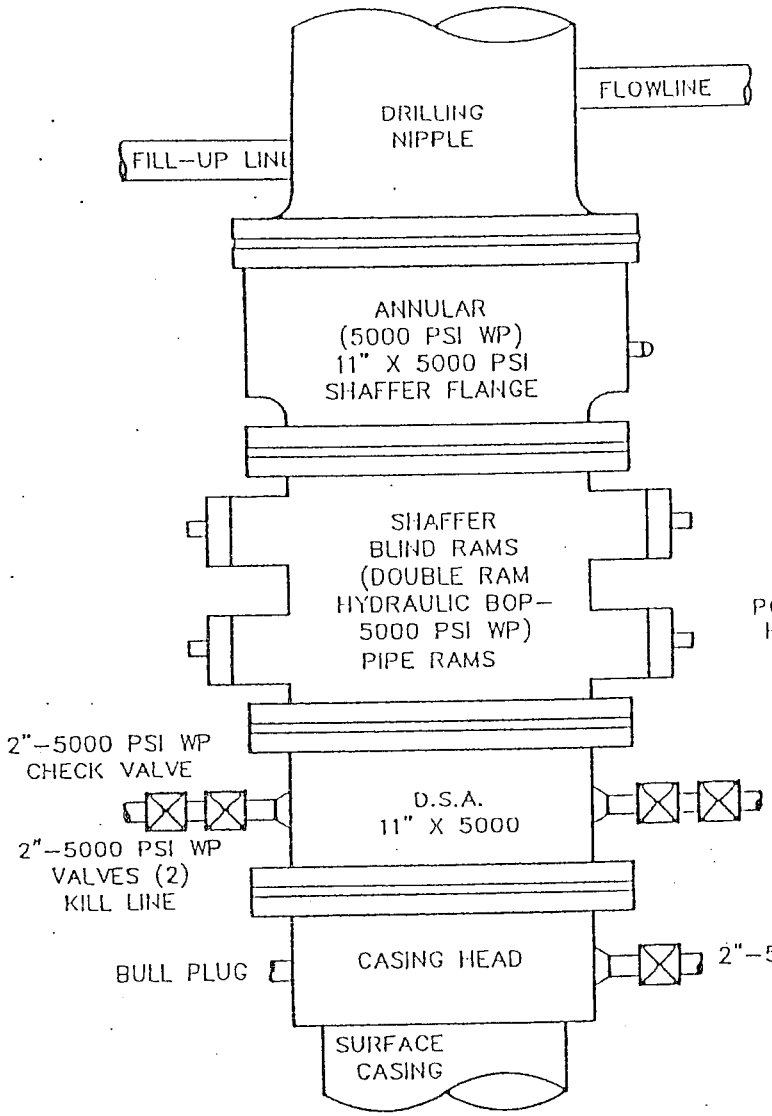
CUT

| | | |
|---|---|---|
| (6") Topsoil Stripping | = | 2,030 Cu. Yds. |
| Remaining Location | = | 8,470 Cu. Yds. |
| TOTAL CUT | = | 10,500 CU.YDS. |
| FILL | = | 6,500 CU.YDS. |

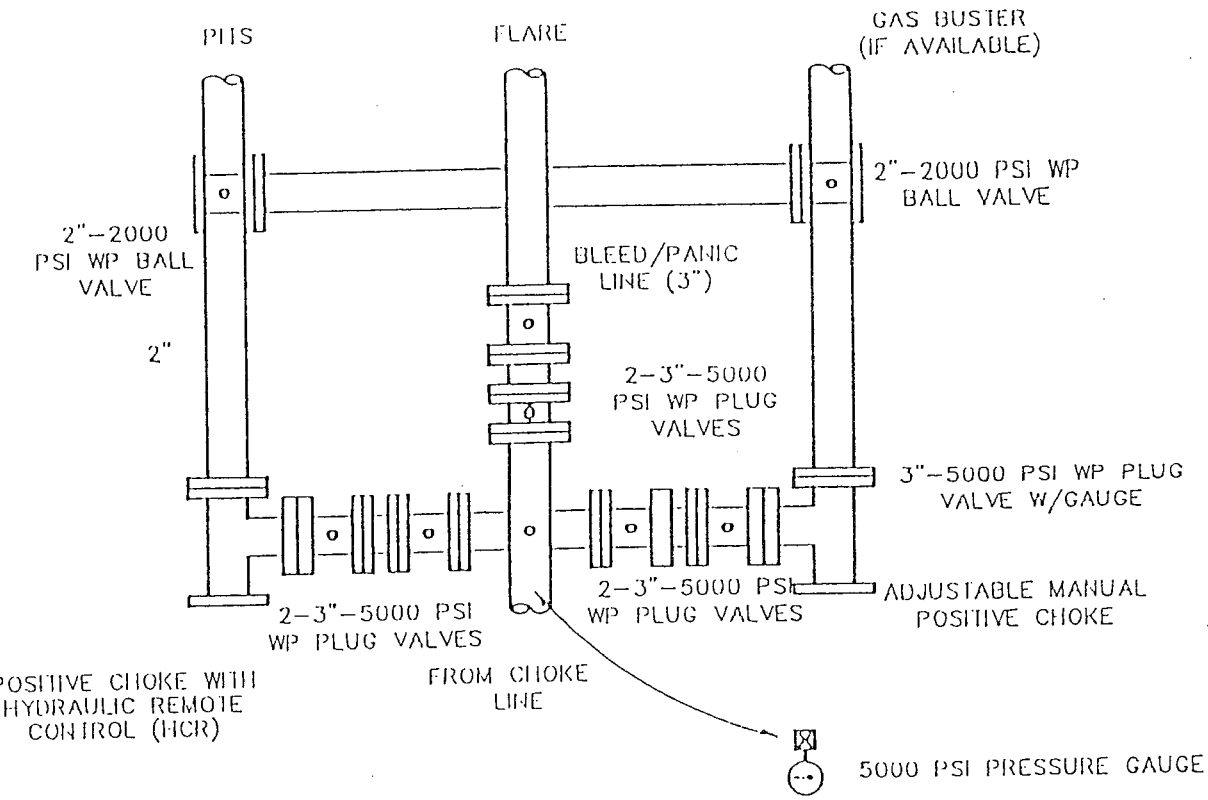
| | | |
|---|---|---|
| EXCESS MATERIAL | = | 4,000 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = | 4,000 Cu. Yds. |
| EXCESS UNBALANCE (After Rehabilitation) | = | 0 Cu. Yds. |


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

## BOP SCHEMATIC
## 5000 PSI WORKING PRESSURE




## PLAN VIEW CHOKE MANIFOLD




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

003

**WORKSHEET**

**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/07/2005

API NO. ASSIGNED: 43-047-36220

WELL NAME: DESERT SPRING ST 21-36-9-18

OPERATOR: GASCO PRODUCTION ( N2575 )

CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

NENW 36 090S 180E

SURFACE: 0729 FNL 1920 FWL

BOTTOM: 0729 FNL 1920 FWL

UINTAH

8 MILE FLAT NORTH ( 590 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-45171

SURFACE OWNER: 3 - State

PROPOSED FORMATION: CSLGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|---|---|---|
| Engineering | DKD | 3/29/05 |
| Geology | | |
| Surface | | |

LATITUDE: 39.99265

LONGITUDE: -109.8437

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 04127763 )

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-1723 )

N RDCC Review (Y/N)
(Date: )

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit ____

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

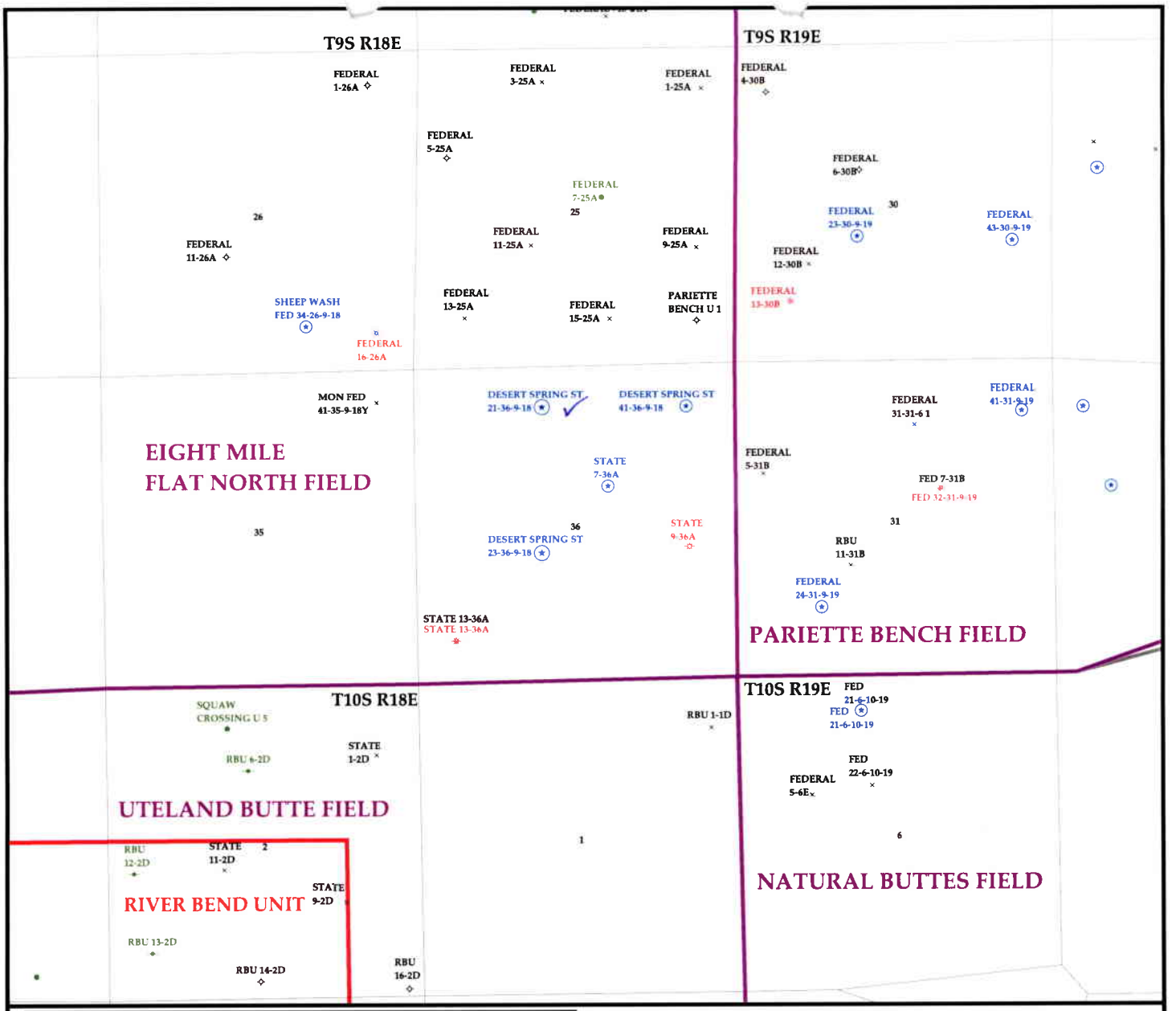
____ R649-3-3. Exception

____ Drilling Unit
Board Cause No: ____
Eff Date: ____
Siting: ____

____ R649-3-11. Directional Drill

COMMENTS: Needs Permit (01-25-05)

STIPULATIONS: 1- Spacing Stip
2- STATEMENT OF BASIS




**OPERATOR: GASCO PROD CO (N2575)**

**SEC. 36 T.9S R.18E**

**FIELD: EIGHT MILE FLAT NORTH (590)**

**COUNTY: UINTAH**

**SPACING: R649-3-2 / GENERAL SITING**

Utah Oil Gas and Mining

**Wells**

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

**Units.shp**

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

**Fields.shp**

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

N W E S

**PREPARED BY: DIANA WHITNEY**
**DATE: 7-JANUARY-2005**

# DIVISION OF OIL, GAS AND MINING
## APPLICATION FOR PERMIT TO DRILL
## STATEMENT OF BASIS

**OPERATOR:** GASCO PRODUCTION COMPANY
**WELL NAME & NUMBER:** DESERT SPRING STATE 21-36-9-18
**API NUMBER:** 43-047-36220
**LOCATION:** 1/4,1/4 NE/NW Sec: 36 TWP: 9S RNG: 18E 1920' FWL 729' FNL

**Geology/Ground Water:**

Gasco has proposed 170' of surface casing and 3,458' of intermediate casing at the proposed location. Both are to be cemented to surface. The base of the moderately saline water is estimated to at approximately 3,000'. A search of Division of Water Rights records shows no water wells within a 10,000' radius of the center of Section 36. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales which are not expected to be prolific aquifers. The proposed casing and cementing program should adequately protect any useable sources of ground water.

**Reviewer:** Brad Hill **Date:** 01/27/2005

**Surface:**

The predrill investigation of the surface was performed on 1/25/05. This site is on State surface with State minerals. D.W.R. and S.I.T.L.A. were invited to this investigation on 1/08/05. Floyd Bartlett was present representing D.W.R. He did not have any concerns regarding the construction of this location or the drilling of this well. Mr. Bartlett presented Shawn Elworthy with Gasco a D.W.R. approved seed mix to be used when reserve pit is reclaimed. This site appears to be the best site for a location in the immediate area, although there is an underlying sandstone ledge that will require blasting to construct the location and reserve pit. A diversion ditch will be constructed around the south edge of the location to prevent runoff water from crossing site.

**Reviewer:** David W. Hackford **Date:** 1/27/05

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

# ON-SITE PREDRILL EVALUATION
## Division of Oil, Gas and Mining

**OPERATOR:** GASCO PRODUCTION COMPANY
**WELL NAME & NUMBER:** DESERT SPRING STATE 21-36-9-18
**API NUMBER:** 43-047-36220
**LEASE:** ML-45171 **FIELD/UNIT:** EIGHT MILE FLAT NORTH
**LOCATION: 1/4,1/4** NE/NW **Sec:** 36 **TWP:** 9S **RNG:** 18E 1920' FWL 729' FNL
**LEGAL WELL SITING:** 460 F **SEC. LINE;** 460F **1/4,1/4 LINE;** 920 F **ANOTHER WELL.**
**GPS COORD (UTM):** 4427377 x 0598705 **SURFACE OWNER:** STATE OF UTAH.

**PARTICIPANTS**

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), SHAWN ELWORTHY (GASCO).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

SITE IS IN AN AREA OF LOW, ROLLING HILLS AND SHALLOW DRAWS THAT DRAIN GRADUALLY TO THE NORTHEAST TO SHEEP WASH WHICH IS 0.5 MILES AWAY. SHEEP WASH DRAINS TO THE EAST TO THE GREEN RIVER WHICH IS TWO MILES AWAY. DESERT SPRING WASH IS 1.0 MILES TO THE SOUTH. BOTH OF THESE WASHES ARE DRY EXCEPT DURING SPRING RUNOFF OR AFTER HEAVY RAINS. MYTON, UTAH IS 25.8 MILES TO THE NORTHWEST.

**SURFACE USE PLAN**

CURRENT SURFACE USE: LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 380' BY 295'. ACCESS ROAD WILL BE 0.25 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING LOCATION CONSTRUCTION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): UNLIKELY.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE.

FLORA/FAUNA: SHADSCALE, EPHEDRA, HORSEBRUSH, GREASEWOOD, SALTBRUSH, PRICKLY PEAR, SONGBIRDS, RODENTS, RABBITS, PRONGHORN, COYOTE, BOBCAT, RAPTORS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY, CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED

**RESERVE PIT**

CHARACTERISTICS: 150' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL BE REQUIRED FOR THE RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER STATE OF UTAH.

SURFACE AGREEMENT: AS PER S.I.T.L.A.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN OR WILL BE INSPECTED BY CARL CONNER WITH GRAND RIVER. A COPY OF THE REPORT WILL BE SUBMITTED TO THE STATE OF UTAH.

**OTHER OBSERVATIONS/COMMENTS:** ONSITE INVESTIGATION WAS CONDUCTED ON A COLD, FOGGY DAY WITH PARTIAL SNOW COVER.

**ATTACHMENTS**

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

| | |
|---|---|
| DAVID W. HACKFORD | 1/25/05 10:45 AM |
| DOGM REPRESENTATIVE | DATE/TIME |

**Evaluation Ranking Criteria and Ranking Score**
**For Reserve and Onsite Pit Liner Requirements**

| Site-Specific Factors | Ranking | Site Ranking |
|---|---|---|
| Distance to Groundwater (feet) | | |
| >200 | 0 | |
| 100 to 200 | 5 | |
| 75 to 100 | 10 | |
| 25 to 75 | 15 | |
| <25 or recharge area | 20 | 5 |
| Distance to Surf. Water (feet) | | |
| >1000 | 0 | |
| 300 to 1000 | 2 | |
| 200 to 300 | 10 | |
| 100 to 200 | 15 | 0 |
| < 100 | 20 | |
| Distance to Nearest Municipal Well (feet) | | |
| >5280 | 0 | |
| 1320 to 5280 | 5 | |
| 500 to 1320 | 10 | |
| <500 | 20 | 0 |
| Distance to Other Wells (feet) | | |
| >1320 | 0 | |
| 300 to 1320 | 10 | |
| <300 | 20 | 0 |
| Native Soil Type | | |
| Low permeability | 0 | |
| Mod. permeability | 10 | |
| High permeability | 20 | 10 |
| Fluid Type | | |
| Air/mist | 0 | |
| Fresh Water | 5 | |
| TDS >5000 and <10000 | 10 | |
| TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents | 15<br>20 | 5 |
| Drill Cuttings | | |
| Normal Rock | 0 | |
| Salt or detrimental | 10 | 0 |
| Annual Precipitation (inches) | | |
| <10 | 0 | |
| 10 to 20 | 5 | |
| >20 | 10 | 0 |
| Affected Populations | | |
| <10 | 0 | |
| 10 to 30 | 6 | |
| 30 to 50 | 8 | |
| >50 | 10 | 0 |
| Presence of Nearby Utility Conduits | | |
| Not Present | 0 | |
| Unknown | 10 | |
| Present | 15 | 0 |

**Final Score** 20 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required .

JAN 25 2005

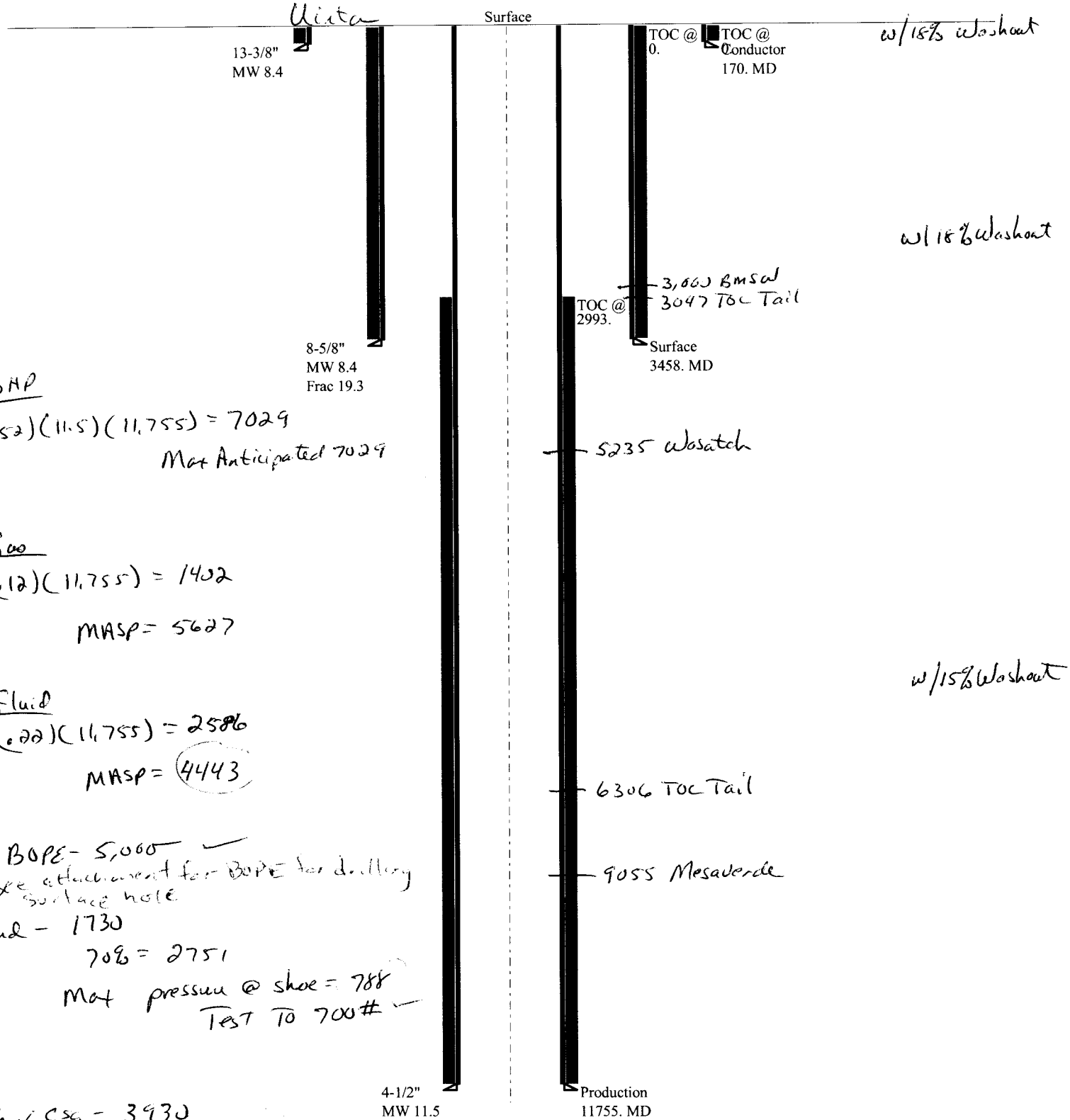
JAN 25 2005

JAN 25 2005

JAN 25 2005

# -05 Gasco Desert Spring 21-_ -9-18

Casing Schematic




BHP

(.052)(11.5)(11,755) = 7029

Max Anticipated 7029

Gas

(.12)(11,755) = 1402

MASP = 5627

Fluid

(.22)(11,755) = 2586

MASP = 4443

BOPE - 5,000

see attachment for BOPE for drilling surface hole

Cond - 1730

70% = 2751

Max pressure @ shoe = 788

Test To 700#

Surf csg - 3930

70% = 2751

Max pressure @ shoe = 5204

Test To 2700#

Adequate DED 2/4/05

| | |
|---|---|
| Well name: | **01-05 Gasco Desert Spring 21-36-9-18** |
| Operator: | **Gasco Production Company** |
| String type: | Conductor |
| Location: | Uintah County |
| Project ID: | 43-047-36220 |

## Design parameters:

**Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,420 psi

Internal gradient: -7.917 psi/ft

Calculated BHP 74 psi

No backup mud specified.

## Minimum design factors:

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

| | |
|---|---|
| 8 Round STC: | 1.80 (J) |
| 8 Round LTC: | 1.80 (J) |
| Buttress: | 1.60 (J) |
| Premium: | 1.50 (J) |
| Body yield: | 1.50 (B) |

Tension is based on air weight.

Neutral point: 149 ft

## Environment:

| | |
|---|---|
| H2S considered? | No |
| Surface temperature: | 65 °F |
| Bottom hole temperature: | 67 °F |
| Temperature gradient: | 1.40 °F/100ft |
| Minimum section length: | 368 ft |

Cement top: Surface

Non-directional string.

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity ($ft^3$) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 170 | 13.375 | 48.00 | H-40 | ST&C | 170 | 170 | 12.59 | 16 |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 74 | 740 | 9.975 | 1420 | 1730 | 1.22 | 8 | 322 | 39.46 J |

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940

Date: January 27,2005
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 170 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

| | |
|---|---|
| Well name: | **01-05 Gasco Desert Spring 21-36-9-18** |
| Operator: | **Gasco Production Company** |
| String type: | Surface |
| Location: | Uintah County |
| Project ID: | 43-047-36220 |

## Design parameters:

**Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,512 psi

Internal gradient: 0.468 psi/ft

Calculated BHP 3,129 psi

No backup mud specified.

## Minimum design factors:

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

| | |
|---|---|
| 8 Round STC: | 1.80 (J) |
| 8 Round LTC: | 1.80 (J) |
| Buttress: | 1.60 (J) |
| Premium: | 1.50 (J) |
| Body yield: | 1.50 (B) |

Tension is based on air weight.

Neutral point: 3,027 ft

## Environment:

| | |
|---|---|
| H2S considered? | No |
| Surface temperature: | 65 °F |
| Bottom hole temperature: | 113 °F |
| Temperature gradient: | 1.40 °F/100ft |
| Minimum section length: | 150 ft |

Cement top: Surface

Non-directional string.

**Re subsequent strings:**

| | |
|---|---|
| Next setting depth: | 11,645 ft |
| Next mud weight: | 11.500 ppg |
| Next setting BHP: | 6,957 psi |
| Fracture mud wt: | 19.250 ppg |
| Fracture depth: | 3,458 ft |
| Injection pressure | 3,458 psi |

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity ($ft^3$) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3458 | 8.625 | 32.00 | J-55 | ST&C | 3458 | 3458 | 7.875 | 219.7 |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1509 | 2530 | 1.677 | 3129 | 3930 | 1.26 | 111 | 372 | 3.36 J |

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: January 27,2005
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3458 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

| | |
|---|---|
| Well name: | **01-05 Gasco Desert Spring 21-36-9-18** |
| Operator: | **Gasco Production Company** |
| String type: | Production |
| Project ID: | 43-047-36220 |
| Location: | Uintah County |

## Design parameters:

**Collapse**

Mud weight: 11.500 ppg

Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,521 psi

Internal gradient: 0.468 psi/ft

Calculated BHP 7,022 psi

No backup mud specified.

## Minimum design factors:

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

| | |
|---|---|
| 8 Round STC: | 1.80 (J) |
| 8 Round LTC: | 1.80 (J) |
| Buttress: | 1.60 (J) |
| Premium: | 1.50 (J) |
| Body yield: | 1.50 (B) |

Tension is based on air weight.

Neutral point: 9,760 ft

## Environment:

| | |
|---|---|
| H2S considered? | No |
| Surface temperature: | 65 °F |
| Bottom hole temperature: | 230 °F |
| Temperature gradient: | 1.40 °F/100ft |
| Minimum section length: | 368 ft |
| Cement top: | 2,993 ft |

Non-directional string.

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity ($ft^3$) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 11755 | 4.5 | 13.50 | P-110 | LT&C | 11755 | 11755 | 3.795 | 313.1 |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7022 | 10680 | 1.521 | 7022 | 12410 | 1.77 | 159 | 338 | 2.13 J |

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940

Date: January 27,2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11755 ft, a mud weight of 11.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**State of Utah**

**Department of Natural Resources**

MICHAEL R. STYLER
*Executive Director*

**Division of Oil, Gas & Mining**

MARY ANN WRIGHT
*Acting Division Director*

JON M. HUNTSMAN, JR.
*Governor*

GARY R. HERBERT
*Lieutenant Governor*

April 4, 2005

Gasco Production Company
14 Inverness Drive East, Suite #H236
Englewood, CO 80112

Re: Desert Spring State 21-36-9-18 Well, 729' FNL, 1920' FWL, NE NW, Sec. 36, T. 9 South, R. 18 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36220.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

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*

**Operator:** Gasco Production Company
**Well Name & Number** Desert Spring State 21-36-9-18
**API Number:** 43-047-36220
**Lease:** ML-45171

**Location:** NE NW **Sec.** 36 **T.** 9 South **R.** 18 East

## Conditions of Approval

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

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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

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# DIVISION OF OIL, GAS AND MINING

## *SPUDDING INFORMATION*

Name of Company: GASCO PRODUCTION COMPANY

Well Name: DESERT SPRING ST 21-36-9-18

Api No: 43-047-36220 Lease Type: STATE

Section 36 Township 09S Range 18E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

## SPUDDED:

Date 06/06/05

Time 6:00 PM

How DRY

***Drilling will Commence:***

Reported by CRAIG OVERMILLER

Telephone # 1-435-828-7151

**Date** 06/07/2005 **Signed** CHD

6-10-05
Sent via facsimile
to Earlene Russell.

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

FORM 6

# ENTITY ACTION FORM

Operator: Gasco Production Company

Operator Account Number: N 2575

Address: 8 Inverness Drive E., Suite 100

city Englewood

state CO zip 80112

Phone Number: (303) 483-0044

**Well 1**

| API Number | Well Name | QQ | Sec | Twp | Rng | County |
|---|---|---|---|---|---|---|
| 047-36220 | Desert Spring State 21-36-9-18 | NENW | 36 | 9S | 18E | Uintah |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| A | 99999 | 14763 | 6/5/2005 | 6/16/05 |

K

Comments: New Drill CSLGT = MVRD

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**Well 2**

| API Number | Well Name | QQ | Sec | Twp | Rng | County |
|---|---|---|---|---|---|---|
| 047-36233 | Desert Spring State 12-36-9-18 | SWNW | 36 | 9S | 18E | Uintah |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| A | 99999 | 14764 | 6/3/2005 | 6/16/05 |

K

Comments: New Drill CSLGT = MVRD

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**Well 3**

| API Number | Well Name | QQ | Sec | Twp | Rng | County |
|---|---|---|---|---|---|---|
| | | | | | | |

| Action Code | Current Entity Number | New Entity Number | Spud Date | Entity Assignment Effective Date |
|---|---|---|---|---|
| | | | | |

Comments:

**ACTION CODES:**

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

Mari A. Johnson
Name (Please Print)

Signature

Manager-Property Admin
Title

6/10/2005
Date

(5/2000)

RECEIVED
JUN 10 2005
DIV. OF OIL, GAS & MINING

GASCO Energy

RECEIVED

JUN 24 2005

DIV. OF OIL, GAS & MINING

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

Attn: Carol Daniels

June 22, 2005

Dear Ms Daniels:

Gasco Production Company will soon be drilling the Desert Spring State 21-36-9-18, NENW 36-9S-18E, Uintah County, Utah. The API Number for this well is 43-047-36220.

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

Yours truly,

Robin Dean

Robin Dean
Senior Geologist
Gasco Energy, Inc.

GASCO Energy, Inc.
8 Inverness Drive East, Suite 100
Englewood, CO 80112-5625

Tel: (303) 483-0044
Fax: (303) 483-0011

Email: invest@gascoenergy.com
Website: www.gascoenergy.com

AMEX: GSX

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45171

# SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

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

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: DESERT SPRING STATE 21-36-9-18

2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY

9. API NUMBER: 4304736220

3. ADDRESS OF OPERATOR: 8 INVERNESS DRIVE E,STE CITY ENGLEWOOD STATE CO ZIP 80112 PHONE NUMBER: (303) 483-0044

10. FIELD AND POOL, OR WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 729' FNL X 1920' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 36 9S ~~19~~ 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 |
| 8/23/2005 | ☐ 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.

This well was originally permitted to 11,755'. The rig is currently drilling at a depth of 11,284'.

Gasco Production plans to attempt a completion in the Blackhawk, and requests approval to drill an additional 960' deeper, to a Total Depth of 12,715'.

The only change to the casing design will be the additional footage of 4-1/2", 13.5#/ft, P-110 LT&C.

The cement design has been revised to accommodate the additional well depth. Additionally, the cement system to be used has been revised as follows:

630 sacks of 35:65 Poz "G", 12.7 PPG, Yield 1.86 cu.ft./sk, followed by
1385 sacks 50:50 Poz "G", 14.1 PPG, Yield=1.28 cu.ft/sk.

This cement design should result in a cement top at 2500'. If hole conditions indicate, the number of sacks of cement will be increased to achieve a calculated cement top of 2500'. Final top of cement will be verified by CBL.

DATE SENT TO OPERATOR: 8-22-05
Initials: _____

NAME (PLEASE PRINT) Anthony W. Sharp TITLE Senior Engineer

SIGNATURE ✓ Anthony W. Sharp (Signature valid) Digitally signed by Anthony W. Sharp DN: cn=Anthony W. Sharp, c=US Date: 2005.08.16 11:48:58 -06'00' DATE 8/16/2005

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8/16/05
BY: _____
(See Instructions on Reverse Side)

RECEIVED
AUG 10 2005
DIV OF OIL, GAS & MINING

(5/2000)

**From:** "Tony Sharp" <tsharp@gascoenergy.com>
**To:** "Dustin Doucet" <dustindoucet@utah.gov>
**Date:** 8/16/2005 2:36:05 PM
**Subject:** RE: NOI for your approval

Dustin,

We will be attempting a completion in the Blackhawk.

If necessary, I can add that to the NOI and resubmit. Please advise.

Regards,

Tony

-----Original Message-----
From: Dustin Doucet [mailto:dustindoucet@utah.gov]
Sent: Tuesday, August 16, 2005 2:30 PM
To: Tony Sharp
Subject: Re: NOI for your approval

Tony,

What formation are you looking at producing? Is it still the Castlegate or are you now looking at the Blackhawk or something different?

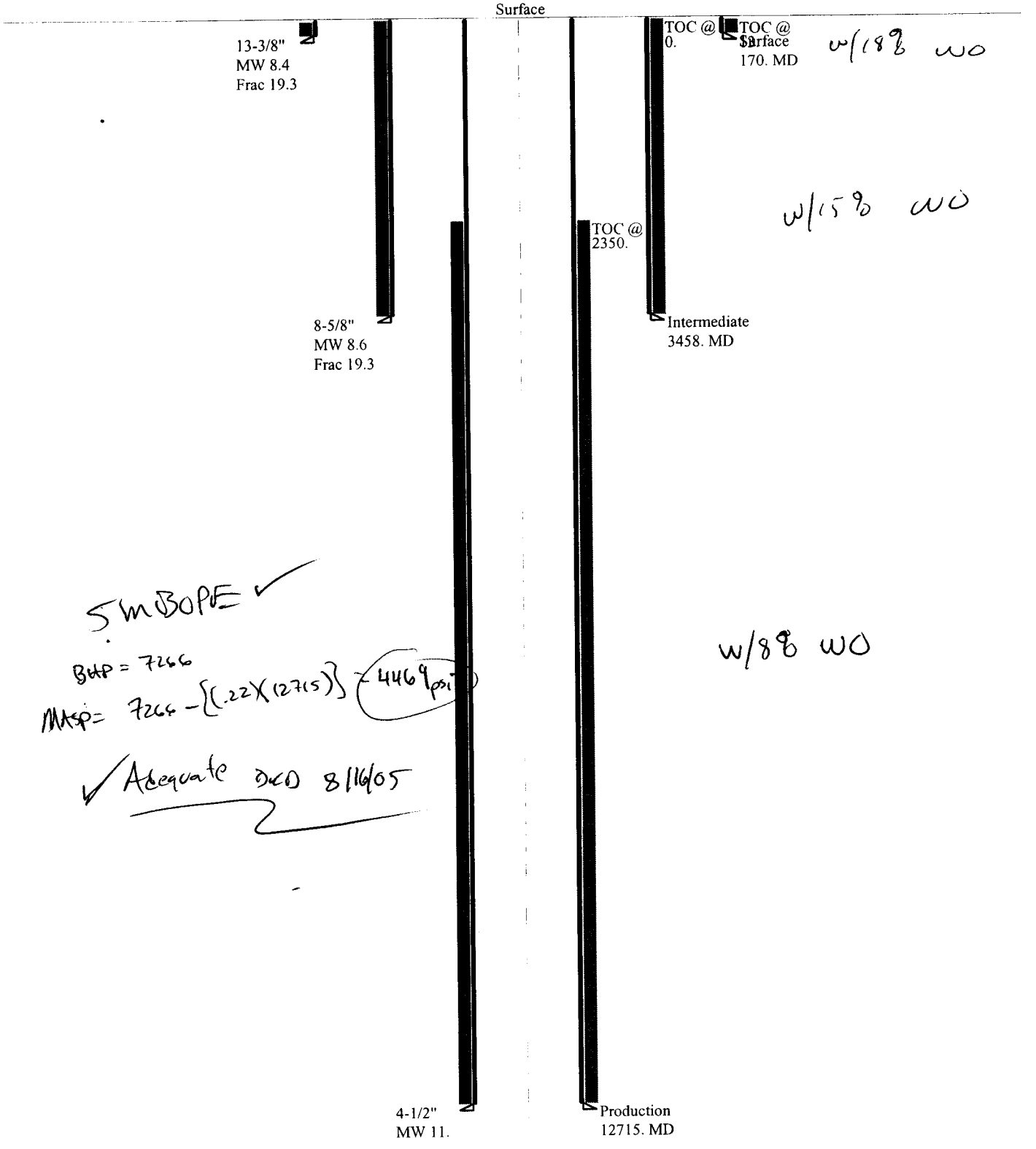
Dustin

>>> "Tony Sharp" <tsharp@gascoenergy.com> 8/16/2005 11:50 AM >>>

Dustin,
Gasco would like to drill deeper than originally permitted. Please see the attached, and feel free to contact me if you have any questions.
Regards,
Tony Sharp
Senior Engineer
Gasco Production Company
8 Inverness Drive East, Suite 100
Englewood, CO 80012
tsharp@gascoenergy.com
Direct: 303-996-1823
Main: 303-483-0044
Cell: 303-885-8693

# 08- 3 Gasco Desert Spring State 21-36-9-18rev

Casing Schematic



| | |
|---|---|
| Well name: | **08-05 Gasco Desert Spring State 21-36-9-18rev** |
| Operator: | **Gasco Production Company** |
| String type: | Production |
| Project ID: | 43-047-36220 |
| Location: | Duchesne |

## Design parameters:

**Collapse**

Mud weight: 11.000 ppg

Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 5,740 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 7,266 psi

No backup mud specified.

## Minimum design factors:

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

| | |
|---|---|
| 8 Round STC: | 1.80 (J) |
| 8 Round LTC: | 1.80 (J) |
| Buttress: | 1.60 (J) |
| Premium: | 1.50 (J) |
| Body yield: | 1.50 (B) |

Tension is based on buoyed weight.

Neutral point: 10,651 ft

## Environment:

| | |
|---|---|
| H2S considered? | No |
| Surface temperature: | 75 °F |
| Bottom hole temperature: | 253 °F |
| Temperature gradient: | 1.40 °F/100ft |
| Minimum section length: | 1,500 ft |
| Cement top: | 2,350 ft |

Non-directional string.

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12715 | 4.5 | 13.50 | P-110 | LT&C | 12715 | 12715 | 3.795 | 338.7 |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7266 | 10680 | 1.470 | 7266 | 12410 | 1.71 | 144 | 338 | 2.35 J |


Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940


Date: August 16,2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 12715 ft, a mud weight of 11 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45171

# SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

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

7. UNIT or CA AGREEMENT NAME: NA

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: Desert Spring State 21-36-9-18

2. NAME OF OPERATOR: Gasco Production Company

9. API NUMBER: 4304736220

3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112

PHONE NUMBER: (303) 483-0044

10. FIELD AND POOL, OR WILDCAT: 8 Mile Flat North

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 729' FNL & 1920' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 36 9 18

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 |
| | ☐ 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: 9/27/2005 | ☐ 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.

This well was started on production on 9/27/2005.

NAME (PLEASE PRINT) Beverly Walker TITLE Engineering Tech

SIGNATURE Beverly Walker DATE 10/18/2005

(This space for State use only)

RECEIVED
OCT 21 2005

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

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

AFE # 40088 T09S R18E S-36 43-047-36220

| | | | | | |
|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | Oper: | DRILLING | | Date: 9/25/05 | Days: 6 |
| Depth: 8635' Prog: 463 | D Hrs: 23.5 | AV ROP: 19.7 | | Formation: WASATCH | |
| DMC: $3,457 | TMC: $18,181 | | TDC: $24,863 | CWC: $681,678 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS 611 | Mud Co: | MI DRLG FLUIDS | | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | W | #1 3.5gpm | 3.5 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | A | SPM: | 114 | Size: | 7-7/8" | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | T | #2 3.5gpm | 3.5 | Type: | DSX 147 | Int. Csg: | $ - | Day Rate: | $ 14,750 |
| Gel: | E | SPM: | | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,581 |
| WL: | R | GPM : | 379 | S/N: | 108011 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | | Press: | 1180 | Jets: | 3-14, 3-20 | Well Head: | $ - | Water: | $ - |
| Solids: | | AV DC: | 334 | In: | 3536 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | | AV DP: | 203 | Out: | | Packers: | $ - | Mud Logger: | $ 850 |
| PH : | 9.5 | JetVel: | 123 | FTG: | 5099 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | | ECD: | 8.63 | Hrs: | 114.0 | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | 70-600 | FPH: | 44.7 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | | WOB: | 15-20 | Pumping L/T: | $ - | Mud Motors: | $ 2,350 |
| Dapp ppb: | 6.3 | Btm.Up: | 37 | RPM: | 45-56 | Prime Mover: | $ - | Chemicals: | $ 95 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 850 |
| | | | | Rot. Hrs: | 114.0 | Daily Total: | $ - | Drilling Mud: | $ 3,457 |

| Time Break Down: | | | DOWN TIME |
|---|---|---|---|
| START | END | TIME | 8.50 HOURS |
| 6:00 | 16:30 | 10:30 | DRLG 8172' - 8394' (222', 21.1 FPH). |
| 16:30 | 17:00 | 0:30 | RIG SERVICE, TEST HYDRILL, PIPE RAMS AND HCR. |
| 17:00 | 6:00 | 13:00 | DRLG 8394' - 8635' (241', 21.1 FPH). |
| | | | |
| | | | |
| | | | **NOTE:** BEGIN MUD UP AT 8300 FT. |
| | | **24.00** | |

| | |
|---|---|
| Misc. / Labor: | $ 930 |
| | $ - |
| **Daily Total:** | **$ 24,863** |
| Cum. Wtr: | $ 10,400 |
| Cum. Fuel | $ 18,600 |
| Cum. Bits: | $ 8,500 |

| BHA | | |
|---|---|---|
| 7-7/8" BIT | 1 | 1.00 |
| DOG SUB | 1 | 0.63 |
| .16 MUD MTR | 1 | 32.95 |
| IBS | 1 | 3.81 |
| 6" DC'S | 20 | 620.15 |
| | | |
| | | |
| | | |
| TOTAL BHA = | | 658.54 |
| Survey | | |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 195 | LITH: | 20% SAND, 80% SHALE. | BKG GAS | 0-10 |
| S/O | 185 | FLARE: | | CONN GAS | 10 |
| ROT. | 190 | LAST CSG RAN: | 8 5/8" SET @ 3536' KB | PEAK GAS | 12 |
| FUEL | Used: 1049 | On Hand: | 4488 Co.Man J DUNCAN | TRIP GAS | NA |

CONFIDENTIAL

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

**AFE # 40088** T09S R18E S-36 43-047-36220

| | | | | | |
|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | Oper: | DRILLING | | Date: 9/24/05 | Days: 5 |
| Depth: 8172' Prog: 561 | D Hrs: 23.5 | AV ROP: 23.9 | | Formation: WASATCH | |
| DMC: $740 | TMC: $14,724 | | TDC: $28,846 | CWC: $656,815 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS 611 | Mud Co: | MI DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | | |
| MW: | W | #1 3.5gpm | 3.5 | Bit #: | 1 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | A | SPM: | 114 | Size: | 7-7/8" | | Surf. Csg: | $ - | Rig Move: $ - |
| PV/YP: | T | #2 3.5gpm | 3.5 | Type: | DSX 147 | | Int. Csg: | $ - | Day Rate: $ 14,750 |
| Gel: | E | SPM: | | MFG: | HYC | | Prod Csg: | $ - | Rental Tools: $ 1,581 |
| WL: | R | GPM : | 1100 | S/N: | 108011 | | Float Equp: | $ - | Trucking: $ 1,500 |
| Cake: | | Press: | 1180 | Jets: | 3-14, 3-20 | | Well Head: | $ - | Water: $ 3,000 |
| Solids: | | AV DC: | 334 | In: | 3536 | | TBG/Rods: | $ - | Fuel: $ - |
| Sand: | | AV DP: | 203 | Out: | | | Packers: | $ - | Mud Logger: $ 850 |
| PH : | 9.0 | JetVel: | 123 | FTG: | 4636 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | | ECD: | 8.63 | Hrs: | 90.5 | | Separator: | $ - | Cement: $ - |
| Chlor: | 9000 | SPR #1 : | 65-380 | FPH: | 51.2 | | Heater: | $ - | Bits: $ - |
| Ca : | 140 | SPR #2 : | | WOB: | 15-20 | | Pumping L/T: | $ - | Mud Motors: $ 2,350 |
| Dapp ppb: | 5.0 | Btm.Up: | 35 | RPM: | 45-56 | | Prime Mover: | $ - | Chemicals: $ 95 |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: $ 850 |
| | | | | Rot. Hrs: | 90.5 | | Daily Total: | $ - | Drilling Mud: $ 740 |

| Time Break Down: | | | DOWN TIME 8.50 HOURS |
|---|---|---|---|
| START | END | TIME | |
| 6:00 | 17:30 | 11:30 | DRLG 7611' - 7918' (307', 26.7 FPH). |
| 17:30 | 18:00 | 0:30 | RIG SERVICE, TEST HYDRILL, PIPE RAMS AND HCR. |
| 18:00 | 6:00 | 12:00 | DRLG 7918' - 8172' (254', 21.2 FPH). |
| | | 24.00 | |

| | |
|---|---|
| Misc. / Labor: | $ 130 |
| PU BHA | $ 3,000 |
| **Daily Total:** | **$ 28,846** |
| Cum. Wtr: | $ 10,400 |
| Cum. Fuel | $ 18,600 |
| Cum. Bits: | $ 8,500 |

| BHA | | |
|---|---|---|
| 7-7/8" BIT | 1 | 1.00 |
| DOG SUB | 1 | 0.63 |
| .16 MUD MTR | 1 | 32.95 |
| IBS | 1 | 3.81 |
| 6" DC'S | 20 | 620.15 |
| TOTAL BHA = | | 658.54 |
| Survey | 3.25° | 7204' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 190 | LITH: | 20% SAND, 80% SHALE. | BKG GAS | 0-10 |
| S/O | 175 | FLARE: | | CONN GAS | 10 |
| ROT. | 183 | LAST CSG RAN: | 8 5/8" SET @ 3536' KB | PEAK GAS | 12 |
| FUEL | Used: 931 | On Hand: | 4488 Co.Man J DUNCAN | TRIP GAS | NA |

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

CONFIDENTIAL

AFE # 40088 T09S R18E S-36 43-047-36220

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | | Oper: | RIG REPAIR | | Date: | 9/22/05 | Days: 3 |
| Depth: 6964' | Prog: 1270 | D Hrs: 18.5 | AV ROP: 68.6 | | Formation: | WASATCH | |
| DMC: $2,868 | TMC: $13,512 | | | TDC: $145,989 | | CWC: $607,392 | |

| Contractor: | NABORS 611 | Mud Co: | MI DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
|---|---|---|---|---|---|---|---|
| MW: W | #1 3.5gpm 3.5 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: A | SPM: 114 | Size: | 7-7/8" | Surf. Csg: | $ - | Rig Move: | $ 122,515 |
| PV/YP: T | #2 3.5gpm 3.5 | Type: | DSX 147 | Int. Csg: | $ - | Day Rate: | $ 14,750 |
| Gel: E | SPM: | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,581 |
| WL: R | GPM : 379 | S/N: | 108011 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | Press: 1300 | Jets: | 3-14, 3-20 | Well Head: | $ - | Water: | $ 500 |
| Solids: | AV DC: 334 | In: | 3536 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | AV DP: 203 | Out: | | Packers: | $ - | Mud Logger: | $ 850 |
| PH : 9.0 | JetVel: 123 | FTG: | 3428 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | ECD: 8.64 | Hrs: | 49.0 | Separator: | $ - | Cement: | $ - |
| Chlor: 9800 | SPR #1 : 71-440 | FPH: | 70.0 | Heater: | $ - | Bits: | $ - |
| Ca : 120 | SPR #2 : | WOB: | 15-20 | Pumping L/T: | $ - | Mud Motors: | $ 1,850 |
| Dapp ppb: 6.0 | Btm.Up: 26 | RPM: | 45-56 | Prime Mover: | $ - | Chemicals: | $ 95 |
| | | T/B/G: | | Misc: | $ - | Consultant: | $ 850 |
| | | Rot. Hrs: | 49.0 | Daily Total: | $ - | Drilling Mud: | $ 2,868 |
| | | | | | | Misc. / Labor: | $ 130 |
| | | | | | | BOP Testing | $ - |
| | | | | | | **Daily Total:** | **$ 145,989** |
| | | | | | | Cum. Wtr: | $ 10,400 |
| | | | | | | Cum. Fuel | $ 18,600 |
| | | | | | | Cum. Bits: | $ 8,500 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 6:30 | 0:30 | DRLG 5694' - 5758' (64', 128.0 FPH). |
| 6:30 | 8:00 | 1:30 | CIRC SURVEY. |
| 8:00 | 2:00 | 18:00 | DRLG 5758' - 6964' (1206', 67.0 FPH). |
| 2:00 | 6:00 | 4:00 | RIG REPAIR - CHANGE OUT WASH PIPE PACKING. |
| | | **24.00** | |

| BHA | | |
|---|---|---|
| 7-7/8" BIT | 1 | 1.00 |
| DOG SUB | 1 | 0.63 |
| .16 MUD MTR | 1 | 32.95 |
| IBS | 1 | 3.81 |
| 6" DC'S | 20 | 620.15 |
| | | |
| | | |
| | | |
| **TOTAL BHA =** | | **658.54** |
| **Survey** | 3° | 5718' |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 150 | LITH: | 50% SAND, 50% SHALE. | BKG GAS | 0-5 |
| S/O | 145 | FLARE: | | CONN GAS | 5 |
| ROT. | 147 | LAST CSG RAN: | 8 5/8" SET @ 3536' KB | PEAK GAS | NA |
| FUEL | Used: 899 | On Hand: | 7110 Co.Man J DUNCAN | TRIP GAS | NA |

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

CONFIDENTIAL

AFE # 40088 T09S R16E S-36 43-047-36220

| | | | | | |
|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | Oper: DRLG | | | Date: 9/21/05 | Days: 2 |
| Depth: 5694' Prog: 1588 | D Hrs: 21.5 | AV ROP: 73.9 | | Formation: WASATCH | |
| DMC: $5,518 | TMC: $10,643 | | TDC: $28,324 | CWC: $461,403 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS 611 | Mud Co: | MI DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | | |
| MW: | W | #1 3.5gpm | 3.5 | Bit #: | 1 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | A | SPM: | 114 | Size: | 7-7/8" | | Surf. Csg: | $ - | Rig Move: $ - |
| PV/YP: | T | #2 3.5gpm | 3.5 | Type: | DSX 147 | | Int. Csg: | $ - | Day Rate: $ 14,750 |
| Gel: | E | SPM: | | MFG: | HYC | | Prod Csg: | $ - | Rental Tools: $ 1,581 |
| WL: | R | GPM : | 379 | S/N: | 108011 | | Float Equp: | $ - | Trucking: $ - |
| Cake: | | Press: | 1100 | Jets: | 3-14, 3-20 | | Well Head: | $ - | Water: $ 2,400 |
| Solids: | | AV DC: | | In: | 3536 | | TBG/Rods: | $ - | Fuel: $ - |
| Sand: | | AV DP: | | Out: | | | Packers: | $ - | Mud Logger: $ 850 |
| PH : | 9.5 | JetVel: | | FTG: | 2158 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | | ECD: | | Hrs: | 30.5 | | Separator: | $ - | Cement: $ - |
| Chlor: | 9800 | SPR #1 : | 73-380 | FPH: | 70.8 | | Heater: | $ - | Bits: $ - |
| Ca : | 120 | SPR #2 : | | WOB: | 15-20 | | Pumping L/T: | $ - | Mud Motors: $ 2,150 |
| Dapp ppb: | 6.1 | Btm.Up: | | RPM: | 45-56 | | Prime Mover: | $ - | Chemicals: $ 95 |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: $ 850 |
| | | | | Rot. Hrs: | 30.5 | | Daily Total: | $ - | Drilling Mud: $ 5,518 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 6:00 | 6:30 | 0:30 | DRLG 4106' - 4169' (63', 63.0 FPH). |
| 6:30 | 8:00 | 1:30 | CIRC SURVEY. |
| 8:00 | 9:00 | 1:00 | RIG SERVICE. |
| 9:00 | 18:00 | 9:00 | DRLG 4169' - 4800' (631', 70.1 FPH). |
| 18:00 | 18:30 | 0:30 | RIG REPAIR - REPLACE BREAK OUT TONG CABLE. |
| 18:30 | 6:00 | 11:30 | DRLG 4800' - 5694 (894', 77.7 FPH). |
| | | **24.00** | |

| | |
|---|---|
| Misc. / Labor: | $ 130 |
| BOP Testing | $ - |
| **Daily Total:** | **$ 28,324** |
| Cum. Wtr: | $ 9,900 |
| Cum. Fuel | $ 18,600 |
| Cum. Bits: | $ 8,500 |

| BHA | | |
|---|---|---|
| 7-7/8" BIT | 1 | 1.00 |
| DOG SUB | 1 | 0.63 |
| .16 MUD MTR | 1 | 32.95 |
| IBS | 1 | 3.81 |
| 6" DC'S | 20 | 620.15 |
| TOTAL BHA = | | 658.54 |
| Survey | 2-1/2° | 4121' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 140 | LITH: | 60% SAND, 40% SHALE. | BKG GAS | 0-5 |
| S/O | 130 | FLARE: | | CONN GAS | 5 |
| ROT. | 135 | LAST CSG RAN: | 8 5/8" SET @ 3536' KB | PEAK GAS | NA |
| FUEL | Used: 851 | On Hand: | 7110 Co.Man J DUNCAN | TRIP GAS | NA |

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

AFE # 40088 T09S R18E S-36 43-047-36220

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | | Oper: | DRLG | | Date: | 9/20/05 | Days: 1 |
| Depth: 4106' | Prog: 570 | D Hrs: 9.0 | AV ROP: 63.3 | | Formation: | UINTA | |
| DMC: $2,325 | TMC: $5,125 | | | TDC: $29,981 | CWC: $433,079 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG 611 | Mud Co: | MI DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | | |
| MW: | W | #1 3.5gpm | 3.5 | Bit #: | 1 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | A | SPM: | 106 | Size: | 7-7/8" | | Surf. Csg: | $ - | Rig Move: $ - |
| PV/YP: | T | #2 3.5gpm | 3.5 | Type: | DSX 147 | | Int. Csg: | $ - | Day Rate: $ 14,750 |
| Gel: | E | SPM: | | MFG: | HYC | | Prod Csg: | $ - | Rental Tools: $ 1,581 |
| WL: | R | GPM : | 352 | S/N: | 108011 | | Float Equp: | $ - | Trucking: $ - |
| Cake: | | Press: | 990 | Jets: | 3-14, 3-20 | | Well Head: | $ - | Water: $ - |
| Solids: | | AV DC: | | In: | 3536 | | TBG/Rods: | $ - | Fuel: $ - |
| Sand: | | AV DP: | | Out: | | | Packers: | $ - | Mud Logger: $ 850 |
| PH : | 11.5 | JetVel: | | FTG: | 570 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | | ECD: | | Hrs: | 9 | | Separator: | $ - | Cement: $ - |
| Chlor: | 7500 | SPR #1 : | 73-350 | FPH: | 63.3 | | Heater: | $ - | Bits: $ 8,500 |
| Ca : | 40 | SPR #2 : | | WOB: | 10-15 | | Pumping L/T: | $ - | Mud Motors: $ 900 |
| Dapp ppb: | | Btm.Up: | | RPM: | 45-56 | | Prime Mover: | $ - | Chemicals: $ 95 |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: $ 850 |
| | | | | Rot. Hrs: | 9.0 | | Daily Total: | $ - | Drilling Mud: $ 2,325 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 07:00 | 1:00 | RU FRANKS WESTATES CASING LD MACHINE. |
| 07:00 | 13:00 | 6:00 | PU BHA AND TIH T/ 3370'. |
| 13:00 | 18:00 | 5:00 | RD LD MACHINE, PU KELLY, FILL PIPE, INSTALL KELLY |
| | | | SPINNERS, AND ROTATING HEAD RUBBER. |
| 18:00 | 21:00 | 3:00 | DRLG CMT AND FLOAT EQUIPMENT 3463' - 3536'. |
| 21:00 | 06:00 | 9:00 | DRLG 3536' - 4106' (570', 63.3 FPH). |
| | | | |
| | | | **NOTE:** WIRELINE MACHINE ARRIVED LATE LAST NIGHT. |
| | | **24.00** | |

| | |
|---|---|
| Misc. / Labor: | $ 130 |
| BOP Testing | $ - |
| **Daily Total:** | **$ 29,981** |
| Cum. Wtr: | $ 7,500 |
| Cum. Fuel | $ 18,600 |
| Cum. Bits: | $ 8,500 |

**BHA**

| | | |
|---|---|---|
| 7-7/8" BIT | 1 | 1.00 |
| DOG SUB | 1 | 0.63 |
| .16 MUD MTR | 1 | 32.95 |
| IBS | 1 | 3.81 |
| 6" DC'S | 20 | 620.15 |
| | | |
| | | |
| | | |
| TOTAL BHA = | | 658.54 |
| Survey | | |
| Survey | | |

| | | | |
|---|---|---|---|
| P/U | 110 | LITH: | BKG GAS |
| S/O | 106 | FLARE: | CONN GAS |
| ROT. | 108 | LAST CSG RAN: 8 5/8" SET @ 3536' KB | PEAK GAS |
| FUEL Used: | 670 | On Hand: 7961 Co.Man J DUNCAN | TRIP GAS |

GASCO Energy

# GASCO ENERGY
## DAILY DRILLING REPORT

AFE # 40088 T09S R18E S-36 43-047-36220

| | | | | | |
|---|---|---|---|---|---|
| DESERT SPRINGS ST. 23-36-9-18 | Oper: RU LD MACHINE | | Date: 9/19/05 | Days: | |
| Depth: 3536' | Prog: 0 | D Hrs: | AV ROP: | Formation: | |
| DMC: $2,800 | TMC: $2,800 | | TDC: $47,606 | CWC: $403,098 | |
| Contractor: NABORS RIG 611 | Mud Co: MI DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | #1 3.5gpm | 3.5 | Bit #: | | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | SPM: | | Size: | | | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | #2 3.5gpm | 3.5 | Type: | | | Int. Csg: | $ - | Day Rate: | $ 14,750 |
| Gel: | SPM: | | MFG: | | | Prod Csg: | $ - | Rental Tools: | $ 1,581 |
| WL: | GPM : | 0 | S/N: | | | Float Equp: | $ - | Trucking: | $ - |
| Cake: | Press: | | Jets: | | | Well Head: | $ - | Water: | $ 7,500 |
| Solids: | AV DC: | | In: | | | TBG/Rods: | $ - | Fuel: | $ 18,600 |
| Sand: | AV DP: | | Out: | | | Packers: | $ - | Mud Logger: | $ - |
| PH : | JetVel: | | FTG: | | | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | ECD: | | Hrs: | | | Separator: | $ - | Cement: | $ - |
| Chlor: | SPR #1 : | | FPH: | | | Heater: | $ - | Bits: | $ - |
| Ca : | SPR #2 : | | WOB: | | | Pumping L/T: | $ - | Mud Motors: | $ - |
| Dapp ppb: | Btm.Up: | | RPM: | | | Prime Mover: | $ - | Fishing: | $ 95 |
| | | | T/B/G: | | | Misc: | $ - | Consultant: | $ 850 |
| | | | Rot. Hrs: | | | Daily Total: | $ - | Drilling Mud: | $ 2,800 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 23:30 | 17:30 | MOVE IN RIG UP ROTARY TOOLS. |
| 23:30 | 05:00 | 5:30 | PRESSURE TEST BOP AND CHOKE MANIFOLD. |
| 05:00 | 06:00 | 1:00 | STRAP BHA AND DRILL PIPE, RU LD MACHINE. |
| | | 24.00 | |

| | |
|---|---|
| Misc. / Labor: | $ 130 |
| BOP Testing | $ 1,300 |
| **Daily Total:** | **$ 47,606** |
| Cum. Wtr: | $ 7,500 |
| Cum. Fuel | $ 18,600 |
| Cum. Bits: | |

**BHA**

| | | |
|---|---|---|
| TOTAL BHA = | | 0.00 |
| Survey | | |
| Survey | | |

| | | | |
|---|---|---|---|
| P/U | LITH: | | BKG GAS |
| S/O | FLARE: | | CONN GAS |
| ROT. | LAST CSG RAN: 8 5/8" SET @ 3536' KB | | PEAK GAS |
| FUEL Used: | On Hand: 8631 | Co.Man J DUNCAN | TRIP GAS |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: RIGING DOWN | | Date: 9/2/2005 | Days: 46 |
| Depth: 12700' | Prog: | D Hrs: | AV ROP: | Formation: | |
| DMC: | TMC: | | TDC: | CWC: $1,749,370 | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MW: | #1GPM | Bit #: | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | SPM | Size: | | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | #2GPM | Type: | | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | SPM | MFG: | | Prod Csg: | $ - | Rental Tools: | |
| WL: | GPM : | S/N: | | Float Equp: | $ - | Trucking: | |
| Cake: | Press: | Jets: | | Well Head: | $ - | Water: | |
| Solids: | AV DC: | In: | | TBG/Rods: | $ - | Fuel: | |
| Sand: | AV DP: | Out: | | Packers: | $ - | Mud Logger: | |
| PH : | JetVel: | FTG: | | Tanks: | $ - | Logging: | |
| Pf/Mf: | ECD: | Hrs: | | Separator: | $ - | Cement: | |
| Chlor: | SPR #1 : | FPH: | | Heater: | $ - | Bits: | $ - |
| Ca : | SPR #2 : | WOB: | | Pumping L/T: | $ - | Mud Motors: | |
| Dapp ppb: | Btm.Up: | RPM: | | Prime Mover: | $ - | Corrosion: | |
| | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | Rot. Hrs: | | Daily Total: | | Drilling Mud: | |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 18:00 | 12:00 | RIGING DOWN & MOVING RIG / 30 % MOVED |
| | | | |
| | | | I HAVE ONE DRILLER THAT HAS RIGED THIS RIG UP & DOWN. |
| | | | |
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| | | | |
| | | | |
| | | | |
| | | 12:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $15,825 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $85316 |
| Cum. Bits: | 102113 |

**BHA**

| | | |
|---|---|---|
| | | |
| | | |
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| | | |
| | | |
| TOTAL BHA = | | |
| Survey | | |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 | LITH: | | | BKG GAS |
| S/O | 0 | FLARE: | | | CONN GAS |
| ROT. | 0 | LAST CSG.RAN: | 4 1/2 | SET @ 12696 | TRIP GAS |
| FUEL | Used: | On Hand: | | Co.Man CLYDE BAIRFIELD | PEAK GAS |

T09S R18E S-36
43-047-36220

CONFIDENTIAL

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: RIGING DOWN | | Date: 9/1/2005 | Days: 45 |
| Depth: 12700' | Prog: | D Hrs: | AV ROP: | Formation: | |
| DMC: | TMC: | | TDC: | CWC: $1,749,370 | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MW: | #1GPM | Bit #: | | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | SPM | Size: | | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | #2GPM | Type: | | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | SPM | MFG: | | Prod Csg: | $ - | Rental Tools: | |
| WL: | GPM : | S/N: | | Float Equp: | $ - | Trucking: | |
| Cake: | Press: | Jets: | | Well Head: | $ - | Water: | |
| Solids: | AV DC: | In: | | TBG/Rods: | $ - | Fuel: | |
| Sand: | AV DP: | Out: | | Packers: | $ - | Mud Logger: | |
| PH : | JetVel: | FTG: | | Tanks: | $ - | Logging: | |
| Pf/Mf: | ECD: | Hrs: | | Separator: | $ - | Cement: | |
| Chlor: | SPR #1 : | FPH: | | Heater: | $ - | Bits: | $ - |
| Ca : | SPR #2 : | WOB: | | Pumping L/T: | $ - | Mud Motors: | |
| Dapp ppb: | Btm.Up: | RPM: | | Prime Mover: | $ - | Corrosion: | |
| | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | Rot. Hrs: | | Daily Total: | | Drilling Mud: | |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 12:00 | 6:00 | CLEAN PITS |
| 12:00 | 06:00 | 18:00 | RIGING DOWN |
| | | | |
| | | | DAY # 1 ON RIG DOWN |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | RIG RELEASED @ 12:00 NOON ON / 8-31-2005 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $15,825 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $85316 |
| Cum. Bits: | 102113 |

**BHA**

| | | |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| TOTAL BHA = | | |
| Survey | | |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 | LITH: | | | BKG GAS |
| S/O | 0 | FLARE: | | | CONN GAS |
| ROT. | 0 | LAST CSG.RAN: | 4 1/2 | SET @ 12696 | TRIP GAS |
| FUEL | Used: | On Hand: | | Co.Man CLYDE BAIRFIELD | PEAK GAS |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| **Well:** D.S.S. 21-36-9-18 | | **OPR:** CLEANING PITS | | **Date:** 8/31/2005 | **Days:** 44 |
| **Depth:** 12700' | **Prog:** | **D Hrs:** | **AV ROP:** | **Formation:** DESERT | |
| **DMC:** $129 | **TMC:** $133,066 | | **TDC:** $101,358 | **CWC:** $1,749,370 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG # 270 | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE COST** | | **INTANGIBLE COST** | |
| **MW:** | 11.0 | **#1GPM** | 6.5X9 | **Bit #:** | | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **VIS:** | 45 | **SPM** | | **Size:** | | **Surf. Csg:** | $ - | **Rig Move:** | |
| **PV/YP:** | 10/20 | **#2GPM** | 6.5X9 | **Type:** | | **Int. Csg:** | $ - | **Day Rate:** | 15000 |
| **Gel:** | 15/25/35 | **SPM** | | **MFG:** | | **Prod Csg:** | $ - | **Rental Tools:** | |
| **WL:** | 10 | **GPM :** | | **S/N:** | | **Float Equp:** | $ - | **Trucking:** | |
| **Cake:** | 1 | **Press:** | | **Jets:** | | **Well Head:** | $ 838 | **Water:** | |
| **Solids:** | 16 | **AV DC:** | | **In:** | | **TBG/Rods:** | $ - | **Fuel:** | |
| **Sand:** | N/A | **AV DP:** | | **Out:** | | **Packers:** | $ - | **Mud Logger:** | |
| **PH :** | 9 | **JetVel:** | | **FTG:** | | **Tanks:** | $ - | **Logging:** | |
| **Pf/Mf:** | .3/5.9 | **ECD:** | | **Hrs:** | | **Separator:** | $ - | **Cement:** | $ 61,392 |
| **Chlor:** | 3000 | **SPR #1 :** | | **FPH:** | | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 100 | **SPR #2 :** | | **WOB:** | | **Pumping L/T:** | $ - | **Mud Motors:** | |
| **Dapp ppb:** | 0.5 | **Btm.Up:** | | **RPM:** | | **Prime Mover:** | $ - | **Corrosion:** | |
| | | | | **T/B/G:** | | **Misc:** | | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | | **Daily Total:** | **$ 838** | **Drilling Mud:** | $ 129 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 09:00 | 3:00 | LAYING DOWN DP |
| 09:00 | 09:30 | 0:30 | SAFETY MEETING / WITH / T&M CASING CREW |
| 09:30 | 011:00 | 1:30 | RIG UP T & M CASERS |
| 011:00 | 23:00 | 12:00 | RUNING CASING. / WIND 35 TO 40 MPH. STABER HAVING TROUB |
| 23:00 | 00:30 | 1:30 | CIRC & RIG DOWN T & M CASERS |
| 00:30 | 03:00 | 2:30 | CEMITING WITH / LEAD / G+12%D20 + 1% D79 + .2% D46 + 1.75% |
| | | | D13 + .125 PPS D130. DENSITY 11.% LB/ GAL. YIELD 3.04FT/ SK |
| | | | H20 MIX 18.4 GAL / SKH20 8464 GAL.EQ SACK WEIGHT 94 LB |
| | | | TOTAL BLEND 460 SACKS / TAIL 50 / 50 POZG + 2.0 % D020 |
| | | | 0.1 % DO46. 0.3 % D800. 02 % D167.0.2% DO65 |
| | | | DENSITY 14.1 LB/ GAL/ YIELD / 1.28 FT3 / SK / |
| | | | H20 MIX / 5.91 / GAL / SK / H20 / 8746 GAL. |
| | | | EQ SACK WEIGHT 84 LB. TOTAL BLEND 1480 SACKS |
| 03:00 | 06:00 | 3:00 | CLEANING PITS |
| | | 24:00 | |

| | | | |
|---|---|---|---|
| **Misc. / Labor:** | $ 2,322 | | |
| **Csg. Crew:** | $ 20,852 | | |
| **Daily Total:** | 101,358 | | |
| **Cum. Wtr:** | $ 28,260 | | |
| **Cum. Fuel** | $85316 | | |
| **Cum. Bits:** | 102113 | | |
| **BHA** | | | |
| Bits: | 7 7/8 | | |
| M / M | 6 1/2 | | |
| I IBS | 6 1/2 | | |
| 1 SS | 6 1/2 | | |
| 1 DC | 7 7/8 | | |
| 1 IBS | 6 1/2 | | |
| 20 DC | 6 1/2 | | |
| **TOTAL BHA =** | 0.00 | | |
| **Survey** | 2 3/4 | 11882' | |
| **Survey** | | | |

| | | | |
|---|---|---|---|
| **P/U** | 0 | **LITH:** | **BKG GAS** |
| **S/O** | 0 | **FLARE:** | **CONN GAS** |
| **ROT.** | 0 | **LAST CSG.RAN:** 8 5/8 **SET @** 3525 KB | **TRIP GAS** |
| **FUEL** | **Used:** 1021 | **On Hand:** 3025 **Co.Man** CLYDE BAIRFIELD | **PEAK GAS** |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | OPR: LAYING DOWN DRLG / PIPE | | | Date: 8/30/2005 | Days: 43 |
| Depth: 12700' | Prog: | D Hrs: | AV ROP: | Formation: SPRING CANYON | |
| DMC: | TMC: | | TDC: $69,771 | CWC: $1,648,012 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 11.1 | #1GPM | 6.5X9 | Bit #: | RR # 9 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 54 | SPM | | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12/25 | #2GPM | 6.5X9 | Type: | HRS 55 R | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 33/58/70 | SPM | | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | |
| WL: | 12 | GPM : | | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | |
| Cake: | 2/ | Press: | | Jets: | OPEN | Well Head: | $ - | Water: | |
| Solids: | 17 | AV DC: | | In: | 12700 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | | Out: | | Packers: | $ - | Mud Logger: | |
| PH : | 8.7 | JetVel: | | FTG: | | Tanks: | $ - | Logging: | $ 39,046 |
| Pf/Mf: | .2/4.9 | ECD: | | Hrs: | | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | | Heater: | $ - | Bits: | $ 14,900 |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | | Pumping L/T: | $ - | Mud Motors: | |
| Dapp ppb: | 5.1 | Btm.Up: | 58.4min | RPM: | | Prime Mover: | $ - | Corrosion: | |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 666 1/2 | Daily Total: | | Drilling Mud: | |

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 011:00 | 5:00 | LOGGING / WIIRE LINE |
| 011:00 | 17:00 | 6:00 | TIH TO 6300 & FILL PIPE |
| 17:00 | 20:00 | 3:00 | CIRC & COND MUD |
| 20:00 | 21:00 | 1:00 | HELD SAFETY MEETING7 RIG UP T & M CASERS |
| 21:00 | 06:00 | 9:00 | LAYING DOWN D / P INCOMPLETE |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $69,771 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $85316 |
| Cum. Bits: | $102113 |

| BHA | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | |
| I IBS | 6 1/2 | |
| 1 SS | 6 1/2 | |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 628.12 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 265 K | LITH: | N/A | BKG GAS | N/A |
| S/O | 230 K | FLARE: | N/A | CONN GAS | N/A |
| ROT. | 247 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 534 | On Hand: | 4046 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | LOGGING | | Date: | 8/29/2005 | Days: 42 |
| Depth: 12700' | Prog: 15 | D Hrs: 2 | AV ROP: 7.5 | | Formation: | SPRING CANYON | |
| DMC: $2,260 | TMC: $130,813 | | | TDC: $15,825 | | CWC: $1,578,241 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.9 | #1GPM | 6.5X9 | Bit #: | 13 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 48 | SPM | 103 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 20/19 | #2GPM | 6.5X9 | Type: | DSX 199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 19/43/58 | SPM | 103 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | |
| WL: | 10 | GPM : | 379 | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | |
| Cake: | 2/ | Press: | 1720 | Jets: | 3X12-3X20 | Well Head: | $ - | Water: | |
| Solids: | 16 | AV DC: | 315.98 | In: | 11992 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 192.08 | Out: | 12700 | Packers: | $ - | Mud Logger: | |
| PH : | 9 | JetVel: | 96 | FTG: | 708 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .4/5.4 | ECD: | 11.38 | Hrs: | 91 1/2 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 7.7 | Heater: | $ - | Bits: | $ - |
| Ca : | 100 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | |
| Dapp ppb: | 5.7 | Btm.Up: | 61.8min | RPM: | 56 / 61 | Prime Mover: | $ - | Corrosion: | |
| | | | | T/B/G: | 4 / x i | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 666 1/2 | Daily Total: | | Drilling Mud: | |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 08:00 | 2:00 | DRLG F / 12685 TO / 12700=15' @ 7.5 FPH |
| 08:00 | 010:30 | 2:30 | CIRC & COND MUD FOR LOGS. |
| 010:30 | 12:00 | 1:30 | SHORT TRIP 15 STANDS. NO DRAG. |
| 12:00 | 18:00 | 6:00 | CIRC & COND MUD FOR LOGS. LOST 39 BBS MUD DOWN HOLE |
| | | | MIXED L. C. M. |
| 18:00 | 01:30 | 7:30 | POOH FOR LOGS DROP SURVEY 3 1/2 DEG LAY DOWN MM & D |
| 01:30 | 06:00 | 4:30 | HELD SAFETY MEETING RIG UP LOGGING UNIT & |
| | | | RUNING LOGS |
| | | | LOGS OH BOTTOMS @ 06:00. 8-29-2005 |
| | | 24:00 | |

| | |
|---|---|
| Daily Total: | $15,825 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | 85316 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | |
| 1 IBS | 6 1/2 | |
| 1 SS | 6 1/2 | |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 628.12 |
| Survey | 3 1/2 | 12700' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 265 K | LITH: | N/A | BKG GAS | N/A |
| S/O | 230 K | FLARE: | N/A | CONN GAS | N/A |
| ROT. | 246 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1146 | On Hand: | 4580 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/28/2005 | Days: ~~40~~ 41 |
| Depth: 12685' | Prog: 187 | D Hrs: 23 1/2 | AV ROP: 8.0 | | Formation: | SPRYNG CANYON | |
| DMC: $1,449 | TMC: $128,552 | | TDC: $25,262 | | CWC: $1,562,416 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.6 | #1GPM | 6.5X9 | Bit #: | 13 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 45 | SPM | 103 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 19/18 | #2GPM | 6.5X9 | Type: | DSX 199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 19/44/56 | SPM | 103 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 14.4 | GPM : | 379 | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1720 | Jets: | 3X12-3X20 | Well Head: | $ - | Water: | |
| Solids: | 14 | AV DC: | 315.89 | In: | 11992 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 192.8 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 96 | FTG: | 693 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .35.4 | ECD: | 11.02 | Hrs: | 89 1/2 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 7.7 | Heater: | $ - | Bits: | $ - |
| Ca : | 100 | SPR #2 : | 40=225 | WOB: | 10 21 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.6 | Btm.Up: | 63.8MIN | RPM: | 56 / 61 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 664 1/2 | Daily Total: | | Drilling Mud: | $ 1,449 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 13:00 | 7:00 | DRLG F / 12498 TO / 12561 = 63' @ 9 FPH |
| 13:00 | 13:30 | 0:30 | SERVICE RIG |
| 13:30 | 06:00 | 16:30 | DRLG F / 12561 / TO / 12685= 124' @ 7.51 FPH |
| | | | |
| | | | |
| | | | WILL T / D @ 07:00 HRS ON / 8-27-2005 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ 3,168 |
| Daily Total: | $25,262 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | 85316 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.97 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.37 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 2665 K | LITH: | 100 % SS | BKG GAS | 678 U |
| S/O | 225 K | FLARE: | 8 ' | CONN GAS | 693 U |
| ROT. | 247 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1447 | On Hand: | 5726 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-042-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/27/2005 | Days: 40 |
| Depth: 12498' | Prog: 142 | D Hrs: | 23 1/2 | AV ROP: | 6.0 | Formation: | SPRING CANYON |
| DMC: $1,643 | TMC: | $127,103 | | TDC: | $34,548 | CWC: | $1,537,154 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.6 | #1GPM | 6.5X9 | Bit #: | 13 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 47 | SPM | 103 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 18/23 | #2GPM | 6.5X9 | Type: | DSX 199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 19/45/57 | SPM | 103 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 16 | GPM : | 379 | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | |
| Cake: | 2/ | Press: | 1720 | Jets: | 3X12-3X20 | Well Head: | $ - | Water: | $ 380 |
| Solids: | 13.8 | AV DC: | 315.98 | In: | 11992 | TBG/Rods: | $ - | Fuel: | 11880 |
| Sand: | N/A | AV DP: | 192.98 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 8.5 | JetVel: | 96 | FTG: | 506 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .4/5.5 | ECD: | 10.98 | Hrs: | 66 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 7.7 | Heater: | $ - | Bits: | $ - |
| Ca : | 80 | SPR #2 : | 40=225 | WOB: | 10 / 21 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.7 | Btm.Up: | 63.1 | RPM: | 55 / 61 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 641 | Daily Total: | | Drilling Mud: | $ 1,643 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 12:30 | 6:30 | DRLG F / 12356 TO / 12401 = 45' @ 6.9 FPH |
| 12:30 | 13:00 | 0:30 | SERVICE RIG |
| 13:00 | 06:00 | 17:00 | DRLG F / 12401 TO 12498= 97' @ 5.7 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $34,548 |
| Cum. Wtr: | $ 28,640 |
| Cum. Fuel | $85.316 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.97 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.37 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 262 K | LITH: | 100 % SS | BKG GAS | 678 U |
| S/O | 225 K | FLARE: | 6 TO 8' | CONN GAS | 805 U |
| ROT. | 245 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1425 | On Hand: | 7173 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/26/2005 | Days: 39 |
| Depth: 12356' | Prog: 189 | D Hrs: | 23 1/2 | AV ROP: | 8.0 | Formation: | ABERDEEN |
| DMC: $2,430 | TMC: | $125,460 | | TDC: | $23,236 | CWC: | $1,502,606 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.5 | #1GPM | 6.5X9 | Bit #: | 13 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 46 | SPM | 103 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 14/21 | #2GPM | 6.5X9 | Type: | DSX 199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 19/43/56 | SPM | | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 16 | GPM : | 379 | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | |
| Cake: | 2/ | Press: | 1801750 | Jets: | 3 X 20 | Well Head: | $ - | Water: | |
| Solids: | 13.5 | AV DC: | 315.98 | In: | 11992 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 192.08 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 8.5 | JetVel: | 96 | FTG: | 364 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/5.1 | ECD: | 10.98 | Hrs: | 42 1/2 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 8.6 | Heater: | $ - | Bits: | $ - |
| Ca : | 100 | SPR #2 : | 40=225 | WOB: | 10 / 17 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.4 | Btm.Up: | 62.1MIN | RPM: | 51 / 60 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 617 1/2 | Daily Total: | | Drilling Mud: | $ 2,430 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 15:00 | 9:00 | DRLG F / 12167 TO / 12242 @ 8.33 FPH |
| 15:00 | 15:30 | 0:30 | SERVICE RIG |
| 15:30 | 06:00 | 14:30 | DRLG F / 12242 TO 12356= 114' @ 7.86 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 161 |
| Csg. Crew: | |
| Daily Total: | $23,236 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.97 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.37 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 260 K | LITH: | 90 % SS / 10 % SH | BKG GAS | 912 U |
| S/O | 220 K | FLARE: | 5 TO 9' | CONN GAS | 1507 U |
| ROT. | 242 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1334 | On Hand: | 4005 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/25/2005 | Days: 38 |
| Depth: 12167' | Prog: 175 | D Hrs: 19 | AV ROP: 9.2 | | Formation: | SUNNYSIDE | |
| DMC: $726 | TMC: $123,029 | | | TDC: $22,051 | CWC: $1,479,370 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.7 | #1GPM | 6.5X9 | Bit #: | 13 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 46 | SPM | 103 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 13/22 | #2GPM | 6.5X9 | Type: | DSX 199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 18/44/57 | SPM | | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 18.8 | GPM : | 379 | S/N: | P B 6566 | Float Equp: | $ - | Trucking: | $ 680 |
| Cake: | 2/ | Press: | 1720 | Jets: | 3 X 20 | Well Head: | $ - | Water: | |
| Solids: | 14 | AV DC: | 3.9.26 | In: | 11992 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 187.99 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 79 | FTG: | 175 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | 4./5.8 | ECD: | 11.2 | Hrs: | 19 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 9.2 | Heater: | $ - | Bits: | $ - |
| Ca : | 100 | SPR #2 : | 40=225 | WOB: | 10 / 18 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.2 | Btm.Up: | 62.4MIN | RPM: | 46 / 60 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 594 | Daily Total: | | Drilling Mud: | $ 726 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 010:30 | 4:30 | TRIP IN HOLE |
| 010:30 | 06:00 | 19:30 | DRIL F / 11992 TO / 12167 = 175' @ 9.2 FPH |
| | | | |
| | | | CORRECTION IN DRLG / HRS |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $22,051 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.97 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.37 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 265 K | LITH: | 80 % SS / 20 % SH | BKG GAS | 812 U |
| S/O | 225 K | FLARE: | 8' | CONN GAS | 970 U |
| ROT. | 247 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1215 | On Hand: | 5339 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | TRIPPING | Date: | 8/24/2005 | Days: | 37 |
| Depth: 11992' | Prog: 42 | D Hrs: 11 | AV ROP: 3.8 | Formation: | GRASSY | | |
| DMC: $1,375 | TMC: $122,303 | TDC: $28,460 | CWC: $1,457,319 | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.5 | #1GPM | 6.5X9 | Bit #: | 12 | 13 | Conductor: $ - | Loc,Cost: | $ - |
| VIS: | 46 | SPM | 103 | Size: | 7.875 | 7.875 | Surf. Csg: $ - | Rig Move: | |
| PV/YP: | 13/24 | #2GPM | 6.5X9 | Type: | F 67 Y | DSX 199 | Int. Csg: $ - | Day Rate: | 15000 |
| Gel: | 18/46/59 | SPM | | MFG: | STC | HYC | Prod Csg: $ - | Rental Tools: | $ 1,800 |
| WL: | 18.4 | GPM : | 379 | S/N: | P B 6566 | 108197 | Float Equp: $ - | Trucking: | $ 680 |
| Cake: | 1 | Press: | 1620 | Jets: | 3 X 20 | 3X12/ 3X20 | Well Head: $ - | Water: | $ 5,760 |
| Solids: | 13 | AV DC: | 309.26 | In: | 11910 | 11992 | TBG/Rods: $ - | Fuel: | |
| Sand: | N/A | AV DP: | 187.99 | Out: | 11992 | | Packers: $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 128 | FTG: | 82 | | Tanks: $ - | Logging: | $ - |
| Pf/Mf: | \.3/6 | ECD: | 11.05 | Hrs: | 19 | | Separator: $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 4.3 | | Heater: $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | 40=225 | WOB: | 13 / 38 | | Pumping L/T: $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.6 | Btm.Up: | 62.3MIN | RPM: | 50 / 50 | | Prime Mover: $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | 4 / 2 / I | | Misc: | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 586 1/2 | 586 1/2 | Daily Total: | Drilling Mud: | $ 1,375 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 09:00 | 3:00 | DDRLG F / 11950 TO 11956= 6' @ 2.0 FPH |
| 09:00 | 010:00 | 1:00 | SERVICE RIG & FUNCITION BOP |
| 010:00 | 18:00 | 8:00 | DRLG F / 11956 TO 11992 = 36' @ 4.5 FPH |
| 18:00 | 19:00 | 1:00 | MIX PILL & PUMP SAME |
| 19:00 | 01:00 | 6:00 | POOH |
| 01:00 | 03:30 | 2:30 | TIH TO SHOE |
| 03:30 | 06:00 | 2:30 | SLIP & CUT DRLG |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $28,460 |
| Cum. Wtr: | $ 28,260 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.70 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 674.10 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 260 K | LITH: | 10 % SS / 90 % SH | BKG GAS | 636 U |
| S/O | 235 K | FLARE: | 4 TO 8' | CONN GAS | 870 U |
| ROT. | 250 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1197 | On Hand: | 6554 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T 09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/23/2005 | Days: 36 |
| Depth: 11950' | Prog: 40 | D Hrs: 8 | AV ROP: 5.0 | | Formation: | GRASSY | |
| DMC: $2,958 | TMC: | $120,927 | | TDC: | $23,603 | CWC: | $1,428,859 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | | |
| MW: | 10.5 | #1GPM | 6.5X9 | Bit #: | 11 | 12 | Conductor: | $ - | Loc,Cost: | $ | - |
| VIS: | 44 | SPM | 102 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: | | |
| PV/YP: | 13/22 | #2GPM | 6.5X9 | Type: | DSX 199 | F 67 Y | Int. Csg: | $ - | Day Rate: | | 15000 |
| Gel: | 13/34/44 | SPM | | MFG: | HYC | STC | Prod Csg: | $ - | Rental Tools: | $ | 1,800 |
| WL: | 17.2 | GPM : | 375 | S/N: | 106848 | PB6566 | Float Equp: | $ - | Trucking: | | |
| Cake: | 1 | Press: | 1680 | Jets: | 3X14-3X20 | 3 X 20 | Well Head: | $ - | Water: | | |
| Solids: | 12 | AV DC: | 325.22 | In: | 11872 | 11910 | TBG/Rods: | $ - | Fuel: | | |
| Sand: | N/A | AV DP: | 197.7 | Out: | 11910 | | Packers: | $ - | Mud Logger: | $ | 650 |
| PH : | 9 | JetVel: | 135 | FTG: | 38 | 40 | Tanks: | $ - | Logging: | $ | - |
| Pf/Mf: | .3/5.3 | ECD: | 11.01 | Hrs: | 14 1/2 | 8 | Separator: | $ - | Cement: | | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 2.6 | 5.0 | Heater: | $ - | Bits: | $ | - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 30 | 10 / 35 | Pumping L/T: | $ - | Mud Motors: | $ | 2,280 |
| Dapp ppb: | 4.9 | Btm.Up: | 58.4min | RPM: | 50 / 50 | 50 / 50 | Prime Mover: | $ - | Corrosion: | $ | 90 |
| | | | | T/B/G: | 8 / X / I | | Misc: | | Consultant: | $ | 825 |
| | | | | Rot. Hrs: | 578 1/2 | 586 1/2 | Daily Total: | | Drilling Mud: | $ | 2,958 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 14"00 | 8:00 | POOH |
| 14:00 | 15:00 | 1:00 | FUNCTION BOP |
| 15:00 | 21:30 | 6:30 | TIH |
| 21:30 | 22:00 | 0:30 | WASHRD TO BOTTOM / NO FILL |
| 22:00 | 6:00 | 8:00 | DRLG F 11910 / TO 11950 =40' @ 5 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $23,603 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.97 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.37 |
| Survey | 3 3/4 | 11882' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 260 K | LITH: | 100 % SS / TR / SH | BKG GAS | 557 U |
| S/O | 225 K | FLARE: | 4 TO 8' | CONN GAS | 670 U |
| ROT. | 240 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 874 U |
| FUEL | Used: 1206 | On Hand: | 7751 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | TRIPPING OUT | | Date: | 8/22/2005 | Days: 35 |
| Depth: 11910' | Prog: 38 | D Hrs: | 14 1/2 | AV ROP: | 2.6 | Formation: | DESERT |
| DMC: $1,594 | TMC: | $117,969 | | TDC: | $30,239 | CWC: | $1,405,256 |
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 10.7 | #1GPM | 6.5X9 | Bit #: | 11 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 42 | SPM | 106 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 13/22 | #2GPM | 6.5X9 | Type: | dsx199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 14/33/41 | SPM | | MFG: | hyc | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 14 | GPM : | 390 | S/N: | 106848 | Float Equp: | $ - | Trucking: | |
| Cake: | 1 | Press: | 1620 | Jets: | 3x14-3x20 | Well Head: | $ - | Water: | |
| Solids: | 13 | AV DC: | 325.22 | In: | 11872 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 197.7 | Out: | 11910 | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 135 | FTG: | 38 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/5.9 | ECD: | 11.21 | Hrs: | 14 1/2 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 2.6 | Heater: | $ - | Bits: | $ 8,000 |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 30 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.9 | Btm.Up: | 58.4min | RPM: | 50 / 50 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 578 1/2 | Daily Total: | | Drilling Mud: | $ 1,594 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 14:00 | 8:00 | TPIP IN HOLE |
| 14:00 | 14:30 | 0:30 | WASHED TO BOTTOM / NO FILL |
| 14:30 | 05:00 | 14:30 | DRLG F / 11872 TO / 11910= 38' @ 2.6 FPH |
| 05:00 | 05:30 | 0:30 | MIX & PUNPING PILL |
| 05:30 | 06:00 | 0:30 | POOH / FOR BIT |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $30,239 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 87,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.70 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| TOTAL BHA = | | 674.10 |
| Survey | 2 1/4 | 11280' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 255 K | LITH: | 60 % V / QTS SS / 40 % SH | BKG GAS | 450 U |
| S/O | 230 K | FLARE: | 4 TO 8 ' | CONN GAS | 650 UN/A |
| ROT. | 237 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 660 U |
| FUEL | Used: 845 | On Hand: | 8957 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | TRIPPING IN HOLE | | Date: | 8/21/2005 | Days: 34 |
| Depth: 11872' | Prog: 90 | D Hrs: 15 | AV ROP: 6.0 | | Formation: | DESERT | |
| DMC: $1,896 | TMC: | $116,374 | | TDC: | $43,540 | CWC: | $1,375,017 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | | INTANGIBLE COST | |
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 10 | 11 | Conductor: | $ - | | Loc,Cost: | $ - |
| VIS: | 47 | SPM | 106 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | | Rig Move: | |
| PV/YP: | 14/22 | #2GPM | 6.5X9 | Type: | F59YPS | DSX 199 | Int. Csg: | $ - | | Day Rate: | 15000 |
| Gel: | 14/35/55 | SPM | | MFG: | STC | HYC | Prod Csg: | $ - | | Rental Tools: | $ 1,800 |
| WL: | 15.6 | GPM : | 390 | S/N: | MW9495 | 106848 | Float Equp: | $ - | | Trucking: | |
| Cake: | 1 | Press: | 1650 | Jets: | 3 X 20 | 3x14-3x20 | Well Head: | $ - | | Water: | |
| Solids: | 12 | AV DC: | 325.22 | In: | 11553 | 11872 | TBG/Rods: | $ - | | Fuel: | 20999 |
| Sand: | N/A | AV DP: | 197.7 | Out: | 11872 | | Packers: | $ - | | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 134 | FTG: | 319 | | Tanks: | $ - | | Logging: | $ - |
| Pf/Mf: | .3/5.9 | ECD: | 10.91 | Hrs: | 47 1/2 | | Separator: | $ - | | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 6.7 | | Heater: | $ - | | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 37 | | Pumping L/T: | $ - | | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.1 | Btm.Up: | 58.4MIN | RPM: | 50 / 50 | | Prime Mover: | $ - | | Corrosion: | $ 90 |
| | | | | T/B/G: | 7 / 5 / I | | Misc: | | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 564 | 564 | Daily Total: | | | Drilling Mud: | $ 1,896 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 17:30 | 11:30 | drlg f / 11782 to / 11870 = 88' @ 7.65 FPH |
| 17:30 | 18:00 | 0:30 | SERVICE RIG |
| 18:00 | 21:30 | 3:30 | drlg f /11870 / to 11882 = 12' @ 3.42 FPH |
| 21:30 | 22:00 | 0:30 | DROPED SERVEY @ 11882 = 2 3/4 DEG |
| 22:00 | 04:00 | 6:00 | S. L. M. OUT OF HOLE. 10 ' OFF |
| 04:00 | 05:00 | 1:00 | CHANGED OUT BIT- MM. FUNCTION B.O.P. |
| 05:00 | 06:00 | 1:00 | TIH |
| | | | |
| | | | HOLE DEPTH CHANGED TO 11872. S.L.M. OUT OF HOLE. |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $43,540 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 79,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 3/4 | 11882' |
| Survey | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U | 0 | LITH: | 80 % SS - 20 % SH | | | BKG GAS | 850 U |
| S/O | 0 | FLARE: | 4 TO 8' | | | CONN GAS | 1200 U |
| ROT. | 0 | LAST CSG.RAN: | 8 5/8 | SET @ | 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1214 | On Hand: | 9802 | Co.Man | CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/20/2005 | Days: 33 |
| Depth: 11782' | Prog: 192 | D Hrs: | 23 1/2 | AV ROP: | 8.2 | Formation: | CASTLEGATE |
| DMC: $2,031 | TMC: | $114,477 | | TDC: | $22,676 | CWC: | $1,331,477 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 10 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM | 106 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12 / 20 | #2GPM | 6.5X9 | Type: | F59YPS | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 14/33/41 | SPM | | MFG: | STC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 14 | GPM : | 390 | S/N: | MW9495 | Float Equp: | $ - | Trucking: | |
| Cake: | 1 | Press: | 1620 | Jets: | 3 X 20 | Well Head: | $ - | Water: | |
| Solids: | 12 | AV DC: | 325.22 | In: | 11553 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 197.7 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 135 | FTG: | 229 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/5.9 | ECD: | 10.87 | Hrs: | 32 1/2 | Separator: | $ - | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 7.0 | Heater: | $ - | Bits: | $ - |
| Ca : | 120 | SPR #2 : | 40=225 | WOB: | 10 / 37 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.4 | Btm.Up: | 57.4min | RPM: | 50 / 50 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 549 | Daily Total: | | Drilling Mud: | $ 2,031 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 17:30 | 11:30 | DRLG F / 11590 TO / 11712 = 122' @ 10.6 FPH |
| 17:30 | 18:00 | 0:30 | SERVICE RIG |
| 18:00 | 06:00 | 12:00 | DRLG F / 11712 TO / 11782 = 70' @ 5.8 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $22,676 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 79,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 1/4 | 11280' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 260 K | LITH: | 70 % SS / 30 % SH | BKG GAS | 850 U |
| S/O | 220 K | FLARE: | 4 TO 8' | CONN GAS | 700 U |
| ROT. | 235 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1491 | On Hand: | 3139 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | Date: | 8/19/2005 | Days: | 32 |
| Depth: 11590' | Prog: 37 | D Hrs: 9 | AV ROP: 4.1 | Formation: | CASTLEGATE | | |
| DMC: $2,180 | TMC: $112,446 | TDC: $22,825 | CWC: $1,308,801 | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | | INTANGIBLE COST | |
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 9 | 10 | Conductor: | $ - | | Loc,Cost: | $ - |
| VIS: | 47 | SPM | 103 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | | Rig Move: | |
| PV/YP: | 14/22 | #2GPM | 6.5X9 | Type: | EP5656 | F59YPS | Int. Csg: | $ - | | Day Rate: | 15000 |
| Gel: | 12/46/59 | SPM | | MFG: | HTC | SYC | Prod Csg: | $ - | | Rental Tools: | $ 1,800 |
| WL: | 12.4 | GPM : | 379 | S/N: | 5078440 | MW9495 | Float Equp: | $ - | | Trucking: | |
| Cake: | 1 | Press: | 1620 | Jets: | 3 X 20 | 3 X 20 | Well Head: | $ - | | Water: | |
| Solids: | 13.8 | AV DC: | 321.86 | In: | 11280 | 11553 | TBG/Rods: | $ - | | Fuel: | |
| Sand: | N/A | AV DP: | 195.66 | Out: | 11553 | | Packers: | $ - | | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 134 | FTG: | 273 | 37 | Tanks: | $ - | | Logging: | $ - |
| Pf/Mf: | ..3/5.3 | ECD: | 11.03 | Hrs: | 45 | 9 | Separator: | $ - | | Cement: | |
| Chlor: | 3000 | SPR #1 : | 30=175 | FPH: | 6.0 | 4.1 | Heater: | $ - | | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 36 | 10 / 36 | Pumping L/T: | $ - | | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.9 | Btm.Up: | 57.7MIN | RPM: | 42 / 61 | 50 / 50 | Prime Mover: | $ - | | Corrosion: | $ 90 |
| Time Break Down: | | | | T/B/G: | 7 / 6 / I | | Misc: | | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 516 1/2 | 525 1/2 | Daily Total: | | | Drilling Mud: | $ 2,180 |

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 14:00 | 8:00 | POOH FOR BIT |
| 14:00 | 14:30 | 0:30 | CH / OUT BIT CH / WEARRING / OK |
| 14:30 | 21:00 | 6:30 | TIRIP IN HOLE WASH 30 ' TO BOTTOM NO FILL |
| 21:00 | 06:00 | 9:00 | DRLG F / 11553 TO 11590 = 37' @ 4.1 FPH |
| | | | |
| | | | P - RATE @ PRESANT TIME 10 / TO 12 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $22,825 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 79,213 |

| BHA | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 1/4 | 11280' |
| Survey | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U | 245 K | LITH: | 100 % SS &TR / SLT | | | BKG GAS | 678 U |
| S/O | 220 K | FLARE: | 12 ' | | | CONN GAS | N/A |
| ROT. | 230 K | LAST CSG.RAN: | 8 5/8 | SET @ | 3525 KB | TRIP GAS | 3400 U |
| FUEL | Used: 1016 | On Hand: | 4580 | Co.Man | CLYDE BAIRFIELD | PEAK GAS | 3400 U |

T09S R18E S-36
43-047-36920

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/17/2005 | Days: 30 |
| Depth: 11428' | Prog: 144 | D Hrs: | 23 1/2 | AV ROP: | 6.1 | Formation: | LOWER MESAVERDE |
| DMC: $1,557 | TMC: | $107,813 | | TDC: | $27,242 | CWC: | $1,246,878 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST |
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 9 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 43 | SPM | 106 | Size: | 7.875 | | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 15/18 | #2GPM | 6.5X9 | Type: | EP5656 | | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 14/36/44 | SPM | | MFG: | HTC | | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 16 | GPM : | 390 | S/N: | 5074819 | | Float Equp: | $ - | Trucking: |
| Cake: | 1 | Press: | 1750 | Jets: | 3 X 20 | | Well Head: | $ - | Water: $ 5,040 |
| Solids: | 12 | AV DC: | 321.86 | In: | 11280 | | TBG/Rods: | $ - | Fuel: |
| Sand: | N/A | AV DP: | 195.66 | Out: | | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 134 | FTG: | 148 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/5.9 | ECD: | 10.82 | Hrs: | 24 1/2 | | Separator: | $ - | Cement: |
| Chlor: | 4000 | SPR #1 : | 30=175 | FPH: | 6.0 | | Heater: | $ - | Bits: $ - |
| Ca : | 120 | SPR #2 : | 40=225 | WOB: | 10 / 36 | | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 5.4 | Btm.Up: | 56.4min | RPM: | 42 / 61 | | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | | | Misc: | | Consultant: $ 825 |
| | | | | Rot. Hrs: | 471 1/2 | | Daily Total: | | Drilling Mud: $ 1,557 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 15:00 | 9:00 | DRLG F/ 11284 TO / 11330 = 46' @ 5.11 FPH |
| 15:00 | 15:30 | 0:30 | SERVICE RIG |
| 15:30 | 06:00 | 14:30 | DRLG F / 11330 TO / 11428 = 98 ' @ 6.75 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $27,242 |
| Cum. Wtr: | $ 22,500 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 63,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 1/4 | 11280' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 245 K | LITH: | 70 % COAL / 20 % SS / 10 % SH | BKG GAS | 1250 U |
| S/O | 215 K | FLARE: | 2 TO 16 ' | CONN GAS | 1300-23000 U |
| ROT. | 228 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1248 | On Hand: | 7173 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36228

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/16/2005 | Days: 29 |
| Depth: 11284' | Prog: 46 | D Hrs: | 9 1/2 | AV ROP: | 4.8 | Formation: | LOWER MESAVERDE |
| DMC: $2,876 | TMC: | $106,255 | | TDC: | $24,215 | CWC: | $1,219,636 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST |
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 8 | 9 | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 47 | SPM | 106 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 14/22 | #2GPM | 6.5X9 | Type: | HRS55R | EP5656 | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 16/46/57 | SPM | | MFG: | HTC | HTC | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 14 | GPM : | 390 | S/N: | 5078440 | 5074819 | Float Equp: | $ - | Trucking: |
| Cake: | 1 | Press: | 1620 | Jets: | 3 X 20 | 3 X 20 | Well Head: | $ - | Water: |
| Solids: | 14 | AV DC: | 321.86 | In: | 11002 | 11280 | TBG/Rods: | $ - | Fuel: |
| Sand: | N/A | AV DP: | 195.66 | Out: | 11280 | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 134 | FTG: | 278 | 4 | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/5.9 | ECD: | 10.91 | Hrs: | 62 | 1 | Separator: | $ - | Cement: |
| Chlor: | 4000 | SPR #1 : | 30=175 | FPH: | 4.5 | 4.0 | Heater: | $ - | Bits: $ - |
| Ca : | 140 | SPR #2 : | 40=225 | WOB: | 20 / 37 | 10 / 20 | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 5.5 | Btm.Up: | 56.3 | RPM: | 42 /61 | 40 / 60 | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | 6 / 5 / i | | Misc: | | Consultant: $ 825 |
| | | | | Rot. Hrs: | 447 | 448 | Daily Total: | | Drilling Mud: $ 2,876 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 14:30 | 8:30 | DRLG F / 11238 TO / 11280= 42' @ 4.94 FPH |
| 14;30 | 0:00 | 5:30 | DROPED SURVEY / POOH FOR BIT |
| 0:00 | 21:00 | 1:00 | RECOVER SURVEY / CHANGED OUT MM & BIT 2 1/4 DEG @ 1128 |
| 21:00 | 23:30 | 2:30 | TIH TO 3525 |
| 23:30 | 01:00 | 1:30 | CUT DRLG. LINE 100' |
| 01"00 | 04:30 | 3:30 | TIH FILL PIPE @ 5640 |
| 04:30 | 05:00 | 0:30 | WASH 30' TO BOTTOM NO FILL |
| 05:00 | 06:00 | 1:00 | DRLG F /11280 TO 11284= 4' @ 4 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 694 |
| Csg. Crew: | |
| Daily Total: | $24,215 |
| Cum. Wtr: | $ 17,460 |
| Cum. Fuel | $73.436 |
| Cum. Bits: | $ 63,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.85 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.25 |
| Survey | 2 1/4 | 11280' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 245 K | LITH: | 80 % SS & 20 % SH / TR COAL | BKG GAS | 1850 U |
| S/O | 215 K | FLARE: | BOTTOMS UP 35 TO 45' | CONN GAS | 2790 U |
| ROT. | 226 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1548 | On Hand: | 8421 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | | OPR: DRILLING | | | Date: 8/14/2005 | Days: 27 |
| Depth: 11120' | Prog: 101 | | D Hrs: 23 1/2 | AV ROP: 4.3 | | Formation: LOWER MESAVERDE | |
| DMC: $3,186 | | TMC: $100,880 | | | TDC: $23,831 | CWC: $1,175,275 | |
| Contractor: NABORS RIG # 270 | | | Mud Co: M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 10.4 | #1GPM | 6.5X9 | Bit #: | 8 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 47 | SPM | 106 | Size: | 7.875 | | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 14/22 | #2GPM | 6.5X9 | Type: | HRS55R | | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 16/46/57 | SPM | | MFG: | HTC | | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 18 | GPM : | 390 | S/N: | 5078440 | | Float Equp: | $ - | Trucking: |
| Cake: | 1 | Press: | 1620 | Jets: | 3 X 20 | | Well Head: | $ - | Water: |
| Solids: | 13.8 | AV DC: | 321.86 | In: | 11002 | | TBG/Rods: | $ - | Fuel: |
| Sand: | N/A | AV DP: | 195.66 | Out: | | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 134 | FTG: | 118 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/4.4 | ECD: | 10.89 | Hrs: | 30 | | Separator: | $ - | Cement: |
| Chlor: | 4000 | SPR #1 : | 30=175 | FPH: | 3.9 | | Heater: | $ - | Bits: $ - |
| Ca : | 140 | SPR #2 : | 40=225 | WOB: | 20 / 37 | | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 5.5 | Btm.Up: | 55MIN | RPM: | 42 / 62 | | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | | | Misc: | | Consultant: $ 825 |
| | | | | Rot. Hrs: | 415 | | Daily Total: | | Drilling Mud: $ 3,186 |

TANGIBLE COST / INTANGIBLE COST

Time Break Down:

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 12:30 | 6:30 | DRLG F / 11019 TO 11044 =25' @ 3.84 FPH |
| 12:30 | 13:00 | 0:30 | SERVICE RIG |
| 13:00 | 06:00 | 17:00 | DRLG F / 11044 TO 11120= 76' @ 4.47 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $23,831 |
| Cum. Wtr: | $ 17,460 |
| Cum. Fuel | 53290 |
| Cum. Bits: | $ 63,213 |

BHA

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 3/4 | 10816' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 245 K | LITH: | 100 % SH - POSS 20 % COAL CVGS | BKG GAS | 1366 |
| S/O | 215 K | FLARE: | 5 TO 8 ' | CONN GAS | 1523 |
| ROT. | 225 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1204 | On Hand: | 3293 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/13/2005 | Days: 26 |
| Depth: 11019' | Prog: 17 | D Hrs: | 6 1/2 | AV ROP: | 2.6 | Formation: | LOWER MESAVERDE |
| DMC: $2,586 | TMC: | $97,694 | | TDC: | $23,231 | CWC: | $1,151,441 |
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW: | 10.2 | #1GPM | 6.5X9 | Bit #: | 7 | 8 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM | 110 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12/16 | #2GPM | 6.5X9 | Type: | HRS55R | HRS 55 R | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 14/35/44 | SPM | | MFG: | HTC | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 24 | GPM : | 405 | S/N: | 5080392 | 5078440 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 3 X 20 | 3 X 20 | Well Head: | $ - | Water: | |
| Solids: | 12 | AV DC: | 358.84 | In: | 10990 | 11002 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 218.13 | Out: | 11002 | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 149 | FTG: | 12 | 17 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/4.4 | ECD: | 10.6 | Hrs: | 5 | 6.5 | Separator: | $ - | Cement: | |
| Chlor: | 4000 | SPR #1 : | 30 / 250 | FPH: | 2.4 | 2.6 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40 / 325 | WOB: | 10 / 40 | 10 / 39 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.5 | Btm.Up: | 49.2 | RPM: | 40 / 62 | 35 / 62 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | 4 / 6 / I | | Misc: | | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 385 1/2 | 392 | Daily Total: | | Drilling Mud: | $ 2,586 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 07:00 | 1:00 | WASH & REAM F 10938 TO 10990= SOFT FILL |
| 07{00 | 12:00 | 5:00 | DRLG F / 10990 TO 11002 = 12' @ 2.4 FPH |
| 12:00 | 17:00 | 5:00 | MIX PILL & POOH |
| 17:00 | 23:00 | 6:00 | CHANGED BIT & TIH |
| 23:00 | 23:30 | 0:30 | WASH & REAM 30 ' TO BOTTOM NO FILL |
| 23:30 | 06:00 | 6:30 | DRLG F 11002 TO 11019= 17' @ 2.6 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $23,231 |
| Cum. Wtr: | $ 17,460 |
| Cum. Fuel | 53290 |
| Cum. Bits: | $ 63,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2 3/4 | 10816' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 240 K | LITH: | 100 % SH ? 20 % POSS / COAL | BKG GAS | 1566 U |
| S/O | 210 K | FLARE: | BOTTOMS UP 35' / 8'/ NOW | CONN GAS | 1500 U |
| ROT. | 225 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 2890 U |
| FUEL | Used: 1619 | On Hand: | 4494 Co.Man CLYDE BAIRFIELD | PEAK GAS | 2890 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** D.S.S. 21-36-9-18 | | **OPR:** | DRILLING | **Date:** | 8/11/2005 | **Days:** | 24 |
| **Depth:** | 10960' | **Prog:** | 108 | **D Hrs:** | 21 | **AV ROP:** | 5.4 |
| **Formation:** | Mesaverde | | | | | | |
| **DMC:** | $1,753 | **TMC:** | $92,038 | **TDC:** | $37,268 | **CWC:** | $1,080,782 |
| **Contractor:** | NABORS RIG # 270 | **Mud Co:** | M-I DRLG FLUIDS | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MW:** | 10.3 | **#1GPM** | 6.5X9 | **Bit #:** | 6 | **TANGIBLE COST** | | **INTANGIBLE COST** | |
| **VIS:** | 46 | **SPM** | 110 | **Size:** | 7.875 | **Conductor:** | $ - | **Loc,Cost:** | $ - |
| **PV/YP:** | 11/21 | **#2GPM** | 6.5X9 | **Type:** | HPR 66 | **Surf. Csg:** | $ - | **Rig Move:** | |
| **Gel:** | 19/48/65 | **SPM** | | **MFG:** | HTC | **Int. Csg:** | $ - | **Day Rate:** | 15000 |
| **WL:** | 28 | **GPM :** | 405 | **S/N:** | 5077012 | **Prod Csg:** | $ - | **Rental Tools:** | $ 1,800 |
| **Cake:** | 2/ | **Press:** | 1620 | **Jets:** | 3 X 20 | **Float Equp:** | $ - | **Trucking:** | |
| **Solids:** | 13.2 | **AV DC:** | 340.35 | **In:** | 10816 | **Well Head:** | $ - | **Water:** | |
| **Sand:** | N/A | **AV DP:** | 206.9 | **Out:** | | **TBG/Rods:** | $ - | **Fuel:** | |
| **PH :** | 9 | **JetVel:** | 141 | **FTG:** | 144 | **Packers:** | $ - | **Mud Logger:** | $ 650 |
| **Pf/Mf:** | .3/5.8 | **ECD:** | 10.8 | **Hrs:** | 32 | **Tanks:** | $ - | **Logging:** | $ - |
| **Chlor:** | 5000 | **SPR #1 :** | 30=175 | **FPH:** | 4.5 | **Separator:** | $ - | **Cement:** | $ - |
| **Ca :** | 160 | **SPR #2 :** | 40=225 | **WOB:** | 10 / 24 | **Heater:** | $ - | **Bits:** | $ 14,175 |
| **Dapp ppb:** | 5.4 | **Btm.Up:** | 51MIN | **RPM:** | 44 / 64 | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,280 |
| | | | | **T/B/G:** | | **Prime Mover:** | $ - | **Corrosion:** | $ 90 |
| | | | | **Rot. Hrs:** | 368 1/2 | **Misc:** | | **Consultant:** | $ 825 |
| | | | | | | **Daily Total:** | | **Drilling Mud:** | $ 1,753 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 011:00 | 5:00 | DRLG F / 10852 TO 10884 = 32' @ 6.4 FPH |
| 011:00 | 011:30 | O:30 | RIG SERVICE |
| 011:30 | 16:30 | 5:00 | DRLG F / 10884 TO 10912 = 28' @ 5.6 FPH |
| 16:30 | 19:00 | 2:30 | LOST 80 % CIRC / MIX & PUMP / LCM PILL |
| 19:00 | 06:00 | 11:00 | DRLG F / 10912 TO 10960= 48' @ 4.3 FPH |
| | | 24:00 | |

| | |
|---|---|
| **Misc. / Labor:** | $ 695 |
| **Csg. Crew:** | |
| **Daily Total:** | $37,268 |
| **Cum. Wtr:** | $ 17,460 |
| **Cum. Fuel** | 34934 |
| **Cum. Bits:** | $ 63,213 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| **TOTAL BHA =** | | 678.32 |
| **Survey** | 2 3/4 | 10816' |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U** | 235 K | **LITH:** | 50 % SS & 50 & SH | **BKG GAS** | 1697 U |
| **S/O** | 215 K | **FLARE:** | 8 TO 18' / CONN / 30' | **CONN GAS** | 9990 / 1503 U |
| **ROT.** | 221 K | **LAST CSG.RAN:** | 8 5/8 **SET @** 3525 KB | **TRIP GAS** | N/A |
| **FUEL** | **Used:** 1300 | **On Hand:** | 6642 **Co.Man** CLYDE BAIRFIELD | **PEAK GAS** | 9990 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | | OPR: | DRILLING | | Date: | 8/10/2005 | Days: | 23 |
| Depth: | 10852' | Prog: | 36 | D Hrs: | 11 | AV ROP: | 3.3 | Formation: | Mesaverde |
| DMC: | $2,605 | TMC: | $90,284 | | | TDC: | $28,908 | CWC: | $1,043,514 |
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 10.5 | #1GPM | 6.5X9 | Bit #: | 5 | 6 | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 48 | SPM | 106 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 14/22 | #2GPM | 6.5X9 | Type: | 506 ZX | HRP 66 | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 16/46/57 | SPM | | MFG: | HTC | HTC | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 21.8 | GPM : | 390 | S/N: | 7108276 | 5077012 | Float Equp: | $ - | Trucking: |
| Cake: | 2/ | Press: | 1620 | Jets: | 6 X 16 | 3 X 20 | Well Head: | $ - | Water: $ 4,560 |
| Solids: | 12 | AV DC: | 340.35 | In: | 10733 | 10816 | TBG/Rods: | $ - | Fuel: |
| Sand: | N/A | AV DP: | 206.9 | Out: | 10816 | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 110 | FTG: | 83 | 36 | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/4.4 | ECD: | 11.03 | Hrs: | 24 1/2 | 11 | Separator: | $ - | Cement: $ - |
| Chlor: | 5000 | SPR #1 : | 30=175 | FPH: | 3.8 | 3.3 | Heater: | $ - | Bits: $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 24 | 5 / 35 | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 3.8 | Btm.Up: | 51MIN | RPM: | 44 / 64 | 40 / 62 | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | 4 /X / I | | Misc: | $ 2,778 | Consultant: $ 825 |
| | | | | Rot. Hrs: | 336 1/2 | 347 1/2 | Daily Total: | $ 2,778 | Drilling Mud: $ 2,605 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 06:30 | 0:30 | MIX & PUMP PILL |
| 06:30 | 07:00 | 0:30 | SURVEY @ 10816 / 2 3/4 DEG |
| 07:00 | 011:30 | 4:30 | POOH FOR BIT # 6 |
| 011:30 | 12:00 | 0:30 | FUNCTION TEST BOP |
| 12:00 | 17:30 | 5:30 | TRIP IN HOLE |
| 17:30 | 19:00 | 1:30 | WASH & REAM F 10706 TO 10816 / SOFT FILL |
| | | | |
| 19:00 | 06:00 | 11:00 | BRAKING IN BIT / DRLG F 10816 TO 10852=36' @ 3.3 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 925 |
| Csg. Crew: | |
| Daily Total: | $28,908 |
| Cum. Wtr: | $ 17,460 |
| Cum. Fuel | 34934 |
| Cum. Bits: | $ 49,038 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 32.92 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.32 |
| Survey | 2.1/2 | 10816' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 45 K | LITH: | 40 % SH & 60 % SS | BKG GAS | 1343 U |
| S/O | 0 205 K | FLARE: | 2 / 8' BOTTOMS UP / 5' AT THIS TIME | CONN GAS | N/A |
| ROT. | 0 220 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 872 | On Hand: | 8264 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36926

# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/8/2005 | Days: 21 |
| Depth: 10743' | Prog: 10 | D Hrs: | 1 1/2 | AV ROP: | 6.6 | Formation: | LOWER MESAVERDE |
| DMC: $3,523 | TMC: | $84,221 | | TDC: | $24,166 | CWC: | $982,504 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | | INTANGIBLE COST | |
| MW: | 10.0 | #1GPM | 6.5X9 | Bit #: | 4 | 5 | Conductor: | $ | - | Loc,Cost: | $ - |
| VIS: | 39 | SPM | 110 | Size: | 7.875 | 7.875 | Surf. Csg: | $ | - | Rig Move: | |
| PV/YP: | 9 / 17 | #2GPM | 6.5X9 | Type: | 408z | 506 zx | Int. Csg: | $ | - | Day Rate: | 15000 |
| Gel: | 16/34/45 | SPM | | MFG: | HTC | htc | Prod Csg: | $ | - | Rental Tools: | $ 1,800 |
| WL: | 22 | GPM : | 405 | S/N: | 7107253 | 7108276 | Float Equp: | $ | - | Trucking: | |
| Cake: | 2/ | Press: | 1620 | Jets: | 6 X 16 | 6 x 16 | Well Head: | $ | - | Water: | |
| Solids: | 4 | AV DC: | 340.35 | In: | 10202 | 10733 | TBG/Rods: | $ | - | Fuel: | |
| Sand: | N/A | AV DP: | 206.9 | Out: | 10733 | | Packers: | $ | - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 83 | FTG: | 531 | 10 | Tanks: | $ | - | Logging: | $ - |
| Pf/Mf: | .3/4.8 | ECD: | 10.41 | Hrs: | 66 | 1.5 | Separator: | $ | - | Cement: | $ - |
| Chlor: | 5000 | SPR #1 : | 30=175 | FPH: | 8.0 | 6.6 | Heater: | $ | - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 22 | 5 / /10 | Pumping L/T: | $ | - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.5 | Btm.Up: | 50.6min | RPM: | 51 / 52 | 51 / 60 | Prime Mover: | $ | - | Corrosion: | $ 90 |
| | | | | T/B/G: | 3 / X /I | | Misc: | $ | - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 313 1/2 | 315 | Daily Total: | $ | - | Drilling Mud: | $ 3,523 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 6:30 | 0:30 | POOH |
| 6:30 | 011:30 | 5:00 | RIG REPAIR. BROKE MAIN CHAIN |
| 011:30 | 15:00 | 3:30 | POOH |
| 15:00 | 16:30 | 1:30 | LAY DOWN MM PICK SAME |
| 16:30 | 22:00 | 5:30 | TRIP IN HOLE |
| 22:00 | 23:00 | 1:00 | FILL PIPE @ 4800' |
| 23:00 | 01:30 | 2:30 | TRIP IN HOLE |
| 01:30 | 02:30 | 1:00 | RIG REPAIR LOST NUT ON ROT. RUBBER |
| 02:30 | 03:30 | 1:00 | TRIP IN HOLE |
| 03:30 | 04:30 | 1:00 | WASH TO BOTTOM NO FILL |
| 04:30 | 06:00 | 1:30 | DRLG F 10733 TO 10743 = 10' @ 6.6 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $24,168 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | 34934 |
| Cum. Bits: | $ 49,038 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 21.48 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 666.88 |
| Survey | 3deg | 10202' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 225 k | LITH: | 80 % ss & 20 % sh | BKG GAS | 700 u |
| S/O | 198 k | FLARE: | 10 to 15' bottoms up | CONN GAS | n/a |
| ROT. | 221 k | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 10000 u |
| FUEL | Used: 622 | On Hand: | 10551 Co.Man CLYDE BAIRFIELD | PEAK GAS | 10000 u |

T09S R18E S-36
43-042-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | POOH / FOR NEW BIT | | Date: | 8/7/2005 | Days: 20 |
| Depth: 10733' | Prog: 123 | D Hrs: 21 | AV ROP: 5.9 | | Formation: | LOWER MESAVERDE | |
| DMC: $4,515 | TMC: $80,698 | | | TDC: $43,516 | | CWC: $958,338 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST |
| MW: | 10.0 | #1GPM | 6.5X9 | Bit #: | 4 | | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 63 | SPM | 110 | Size: | 7.875 | | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 17 / 29 | #2GPM | 6.5X9 | Type: | 408z | | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 24/63/98 | SPM | | MFG: | HTC | | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 18 | GPM : | 405 | S/N: | 7107253 | | Float Equp: | $ - | Trucking: |
| Cake: | 2/ | Press: | 1750 | Jets: | 6 X 16 | | Well Head: | $ - | Water: |
| Solids: | 3 | AV DC: | 340.35 | In: | 10202 | | TBG/Rods: | $ - | Fuel: 18356 |
| Sand: | N/A | AV DP: | 206.9 | Out: | 10733 | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 83 | FTG: | 531 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/5.2 | ECD: | 10.7 | Hrs: | 66 | | Separator: | $ - | Cement: $ - |
| Chlor: | 6000 | SPR #1 : | 30=175 | FPH: | 8.0 | | Heater: | $ - | Bits: $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 22 | | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 4.9 | Btm.Up: | 50.1MIN | RPM: | 51 / 52 | | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | | | Misc: | $ - | Consultant: $ 825 |
| | | | | Rot. Hrs: | 313 1/2 | | Daily Total: | $ - | Drilling Mud: $ 4,515 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 09;00 | 3:00 | DRLG F / 10610 TO 10618= 8' @ 2.66 FPH |
| 09:00 | 09:30 | 0:30 | RIG SERVICE |
| 09:30 | 03:30 | 18:00 | DRLG F / 10618 TO 10733 = 115' @ 6.38 FPH |
| 03:30 | 05:30 | 2:00 | MIXED PILL PUMPED SAME. DROPED SURVEY |
| 05:30 | 06:00 | 0:30 | POOH FOR NEW BIT |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | $43,516 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | $53290 |
| Cum. Bits: | $ 49,038 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 21.48 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 666.88 |
| Survey | 3deg | 10202' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0!55 K | LITH: | 80 % SS & 20 % SH | BKG GAS | 450 U |
| S/O | 0 210 K | FLARE: | N/A | CONN GAS | 1520 U |
| ROT. | 0 220 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 934 | On Hand: | 1002 Co.Man CLYDE BAIRFIELD | PEAK GAS | 1700 U |

9S 18E 36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** D.S.S. 21-36-9-18 | | | **OPR:** | DRILLING | **Date:** | 8/6/2005 | **Days:** 19 |
| **Depth:** | 10610' | **Prog:** 216 | **D Hrs:** | 21 1/2 | **AV ROP:** 10.0 | **Formation:** | Mesaverde |
| **DMC:** | $1,159 | **TMC:** | $76,183 | | **TDC:** | $41,017 | **CWC:** $914,822 |
| **Contractor:** | NABORS RIG # 270 | | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE COST** | | **INTANGIBLE COST** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 9.8 | #1GPM | 6.5X9 | Bit #: | 4 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 37 | SPM | 110 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | $0 |
| PV/YP: | 11/15 | #2GPM | 6.5X9 | Type: | 408Z | Int. Csg: | $ - | Day Rate: | $15000 |
| Gel: | 11/33/40 | SPM | | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 18 | GPM : | 405 | S/N: | 7107253 | Float Equp: | $ - | Trucking: | $ - |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | $ - |
| Solids: | 3 | AV DC: | 334.47 | In: | 10202 | TBG/Rods: | $ - | Fuel: | $ |
| Sand: | N/A | AV DP: | 203.32 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 81 | FTG: | 408 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/4.7 | ECD: | 10.16 | Hrs: | 45 | Separator: | $ - | Cement: | $ - |
| Chlor: | 5000 | SPR #1 : | 30=175 | FPH: | 9.0 | Heater: | $ - | Bits: | $ 19,213 |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.5 | Btm.Up: | 50min | RPM: | 51 / 52 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 292 1/2 | Daily Total: | $ - | Drilling Mud: | $ 1,159 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 08:00 | 2:00 | DRLG F 10394 TO 10426=32' @ 16 FPH |
| 08:00 | 010:30 | 2:30 | HOLE CAVED IN. DERRICK MAN PUT 200 BBS WATER |
| | | | IN MUD. DROPED MUD TO 35 VIC. |
| 010:30 | 06::00 | 19:30 | DRLG F / 10426 TO 10610= 184' @ 9.4 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ - |
| Csg. Crew: | $ - |
| **Daily Total:** | $26,017 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | 34934 |
| Cum. Bits: | $ 49,038 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 21.48 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| **TOTAL BHA =** | | 666.88 |
| **Survey** | 3deg | 10202' |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 233 K | LITH: | 80 % SH & 20 % SS | BKG GAS | 100 U |
| S/O | 195 K | FLARE: | NONE | CONN GAS | 437 U |
| ROT. | 219 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1580 | On Hand: | 4580 Co.Man CLYDE BAIRFIELD | PEAK GAS | 437 AVG |

T09S R18E S36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/5/2005 | Days: 18 |
| Depth: 10394' | Prog: 192 | D Hrs: 23 1/2 | AV ROP: 8.2 | | Formation: | Mesaverde | |
| DMC: $2,961 | TMC: $75,023 | | | TDC: $23,606 | | CWC: $873,805 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 9.7 | #1GPM | 6.5X9 | Bit #: | 4 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 41 | SPM | 110 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12/17 | #2GPM | 6.5X9 | Type: | 408z | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 12/35/44 | SPM | | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 16 | GPM : | 405 | S/N: | 7107253 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 3 | AV DC: | 334.47 | In: | 10202 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 203.32 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 81 | FTG: | 192 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .4/5.1 | ECD: | 10.11 | Hrs: | 23 1/2 | Separator: | $ - | Cement: | $ - |
| Chlor: | 6000 | SPR #1 : | 30=175 | FPH: | 8.2 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.8 | Btm.Up: | 49min | RPM: | 51 ./ 52 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 271 | Daily Total: | $ - | Drilling Mud: | $ 2,961 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 13:30 | 7:30 | DRLG F / 10202 TO 10267= 65' @ 8.6 FPH |
| 13:30 | 14:00 | 0:30 | SERVICE RIG |
| 14:00 | 06:00 | 16:00 | DRLG F / 10267 TO 10394= 127' @ 7.93 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | $23,606 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | 34934 |
| Cum. Bits: | $ 29,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 21.48 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 666.88 |
| Survey | 3DEG | 10202' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 246 K | LITH: | 80 % SS % 20 % SH | BKG GAS | 300 U |
| S/O | 195 K | FLARE: | 6 TO 8' AFTER TRIP / | CONN GAS | 555 U |
| ROT. | 214 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 6800 U |
| FUEL | Used: 1413 | On Hand: | 6248 Co.Man CLYDE BAIRFIELD | PEAK GAS | 8600 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | OPR: WASHING TO BOTTOM | | Date: 8/4/2005 | Days: 17 | |
| Depth: 10202' | Prog: | D Hrs: | AV ROP: | Formation: Mesaverde | |
| DMC: $3,053 | TMC: $72,062 | | TDC: $23,698 | CWC: $850,199 | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 9.7 | #1GPM | 6.5X9 | Bit #: | 3 | 4 | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 45 | SPM | 55 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 12/19 | #2GPM | 6.5X9 | Type: | 506Z | 408z | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 14/35/.31 | SPM | 55 | MFG: | HTC | htc | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | 16.8 | GPM : | 405 | S/N: | 7107406 | 7107253 | Float Equp: | $ - | Trucking: |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | 6 x 16 | Well Head: | $ - | Water: |
| Solids: | 3 | AV DC: | 340.35 | In: | 9296 | 10202 | TBG/Rods: | $ - | Fuel: |
| Sand: | N/A | AV DP: | 206.9 | Out: | 10202 | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9 | JetVel: | 110 | FTG: | 906 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .3/5.2 | ECD: | 10.16 | Hrs: | 76 | | Separator: | $ - | Cement: $ - |
| Chlor: | 6000 | SPR #1 : | 30=175 | FPH: | 11.9 | | Heater: | $ - | Bits: $ - |
| Ca : | 140 | SPR #2 : | 40=225 | WOB: | 10 / 23 | | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 4.9 | Btm.Up: | 48min | RPM: | 51 / 52 | | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | 6 / x / i | | Misc: | $ - | Consultant: $ 825 |
| | | | | Rot. Hrs: | 247 1/2 | | Daily Total: | $ - | Drilling Mud: $ 3,053 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 13:30 | 7:30 | DRLG F / 10155 TO 10202= 47' @ 6.25 FPH |
| 13:30 | 14:00 | 0:30 | MIXED PILL & DROPED SURVEY. @ 10202. 3 DEG |
| 14:00 | 18:00 | 4:00 | TOH FOR BIT & MM |
| 18:00 | 22:00 | 4:00 | CHANGED OUT BIT & MM TIH TO 3525. |
| 22:00 | 01:00 | 3:00 | CUT DRLG LINE 90' |
| 01:00 | 05:00 | 4:00 | TRIP IN HOLE |
| 05:00 | 06:00 | 1:00 | WASHING & REAMING TO BOTTOM 60' SOFT FILL |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | $23,698 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | 34934 |
| Cum. Bits: | $ 29,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 21.48 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 666.88 |
| Survey | 3DEG | 10202' |
| Survey | | |

| | | | |
|---|---|---|---|
| P/U | 213 K | LITH: | BKG GAS N/A |
| S/O | 195 K | FLARE: N/A | CONN GAS 2864 U |
| ROT. | 230 K | LAST CSG.RAN: 8 5/8 SET @ 3525 KB | TRIP GAS N/A |
| FUEL | Used: 1325 | On Hand: 7661 Co.Man CLYDE BAIRFIELD | PEAK GAS 2864 |

T09S R18E S-36
43-047-36220

CONFIDENTIAL

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/3/2005 | Days: 16 |
| Depth: 10155' | Prog: 204 | D Hrs: 23 1/2 | AV ROP: 6.3 | | Formation: | Mesaverde | |
| DMC: $3,370 | TMC: $69,009 | | | TDC: $31,775 | CWC: $826,501 | | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 9.9 | #1GPM | 6.5X9 | Bit #: | 3 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM | 55 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12/16 | #2GPM | 6.5X9 | Type: | 506Z | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 12/35/43 | SPM | 55 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 16.6 | GPM : | 405 | S/N: | 7107406 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | $ 5,800 |
| Solids: | 3.6 | AV DC: | 331.28 | In: | 9296 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 201.28 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 107 | FTG: | 859 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/5.6 | ECD: | 10.28 | Hrs: | 68 1/2 | Separator: | $ - | Cement: | $ - |
| Chlor: | 7000 | SPR #1 : | 30=175 | FPH: | 12.5 | Heater: | $ - | Bits: | $ - |
| Ca : | 148 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.2 | Btm.Up: | 48.4min | RPM: | 51 / 52 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 240 | Daily Total: | $ - | Drilling Mud: | $ 3,370 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 11:30 | 5:30 | DRLG F / 9951 TO 10012 = 61' @ 11 FPH |
| 11:30 | 12:00 | 0:30 | RIG SERVICE |
| 12:00 | 06:00 | 18:00 | DRLG F 10012 TO 10155=143' @ 7.9 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $1,960 |
| Csg. Crew: | $ - |
| Daily Total: | $31,775 |
| Cum. Wtr: | $ 12,900 |
| Cum. Fuel | 17429 |
| Cum. Bits: | $ 21,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 33.00 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.40 |
| Survey | 2 1/2 | 9296' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 230 K | LITH: | 80 % ss / 15 % sh & 5 % coal | BKG GAS | 200 u |
| S/O | 213 K | FLARE: | NONE | CONN GAS | 20 / 40 u |
| ROT. | 195 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 10 /38 u |
| FUEL | Used: 1214 | On Hand: | 8986 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36230

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/2/2005 | Days: 15 |
| Depth: 9951' | Prog: 301 | D Hrs: 24 | AV ROP: 12.5 | | Formation: | Mesaverde | |
| DMC: $3,921 | TMC: $65,639 | | TDC: $54,728 | | CWC: $794,726 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 9.8 | #1GPM | 6.5X9 | Bit #: | 3 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 40 | SPM | 55 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 12/16 | #2GPM | 6.5X9 | Type: | 506Z | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 12/34/43 | SPM | 55 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 16.4 | GPM : | 405 | S/N: | 7107406 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 2 | AV DC: | 347.07 | In: | 9296 | TBG/Rods: | $ - | Fuel: | 17678 |
| Sand: | N/A | AV DP: | 210.98 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 112 | FTG: | 655 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/5.9 | ECD: | 10.19 | Hrs: | 45 | Separator: | $ - | Cement: | $ - |
| Chlor: | 8000 | SPR #1 : | 30=175 | FPH: | 14.5 | Heater: | $ - | Bits: | $ 12,000 |
| Ca : | 140 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.6 | Btm.Up: | 45MIN | RPM: | 51 / 52 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 216 1/2 | Daily Total: | $ - | Drilling Mud: | $ 3,921 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 06:00 | 24:00 | DRLG F / 9650 TO 9951= 301 @ 12.5 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 484 |
| Csg. Crew: | $ - |
| Daily Total: | $54,728 |
| Cum. Wtr: | $ 7,100 |
| Cum. Fuel | 17429 |
| Cum. Bits: | $ 21,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 33.00 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.40 |
| Survey | 2 1/2 | 9296' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 226 K | LITH: | 40% SS / 40% SH & 20 % SLTST | BKG GAS | 65/ 100 U |
| S/O | 190 K | FLARE: | N/A | CONN GAS | 750 U |
| ROT. | 208 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1255 | On Hand: | 10200 Co.Man CLYDE BAIRFIELD | PEAK GAS | 750 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 8/1/2005 | Days: 14 |
| Depth: 9650' | Prog: 354 | D Hrs: 21 | AV ROP: 16.9 | | Formation: | Mesaverde | |
| DMC: $2,654 | TMC: $61,717 | | | TDC: $23,299 | | CWC: $739,998 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 9.6 | #1GPM | 6.5X9 | Bit #: | 3 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 38 | SPM | 55 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 11/12 | #2GPM | 6.5X9 | Type: | 506Z | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 10/28/40 | SPM | 55 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 18 | GPM : | 405 | S/N: | 7107406 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 2 | AV DC: | 347.07 | In: | 9296 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 210.98 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 112 | FTG: | 354 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .4/5.5 | ECD: | 9.9 | Hrs: | 21 | Separator: | $ - | Cement: | $ - |
| Chlor: | 9000 | SPR #1 : | 30=175 | FPH: | 16.9 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | 40=225 | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.1 | Btm.Up: | 41.3MIN | RPM: | 51 / 52 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 192 1/2 | Daily Total: | $ - | Drilling Mud: | $ 2,654 |
| | | | | | | | | Misc. / Labor: | |
| | | | | | | | | Csg. Crew: | $ - |
| | | | | | | | | Daily Total: | 23299 |
| | | | | | | | | Cum. Wtr: | $ 7,100 |
| | | | | | | | | Cum. Fuel | 17,429 |
| | | | | | | | | Cum. Bits: | $ 9,852 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 07:00 | 1:00 | TRIP IN HOLE |
| 07:00 | 08:30 | 1:30 | WASH & REAM 62' TO BOTTOM SOFT FILL |
| 08:30 | 14:30 | 6:00 | DRLG F / 9296 TO 9407= 111' @ 18.5 FPH |
| 14:30 | 15:00 | 0:30 | RIG SERVICE |
| 15:00 | 06:00 | 15:00 | DRLG F / 9407 TO 9650 = 243' @ 16.2 FPH |
| | | 24:00 | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 33.00 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 678.40 |
| Survey | 2 1/2 | 9296' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 220 K | LITH: | 90 % SS & 10 % SH | BKG GAS | 72 U |
| S/O | 195 K | FLARE: | 3 TO 5' AFTER TRIP / | CONN GAS | 355 / 348 U |
| ROT. | 205 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1308 | On Hand: | 3606 Co.Man CLYDE BAIRFIELD | PEAK GAS | 540 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well:** D.S.S. 21-36-9-18 | | **OPR:** | TRIPING IN HOLE | | **Date:** | 7/31/2005 | **Days:** 13 |
| **Depth:** 9296' | **Prog:** 64 | **D Hrs:** | 10 1/2 | **AV ROP:** 6.0 | **Formation:** | Mesaverde | |
| **DMC:** $4,324 | **TMC:** | $59,062 | | **TDC:** | $24,969 | **CWC:** | $716,699 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG # 270 | | **Mud Co:** | M-I DRLG FLUIDS | | **TANGIBLE COST** | | **INTANGIBLE COST** | |
| **MW:** | 9.5 | **#1GPM** | 6.5X9 | **Bit #:** | 2 | 3 | **Conductor:** $ - | **Loc,Cost:** | $ - |
| **VIS:** | 40 | **SPM** | 56 | **Size:** | 7.875 | 7.875 | **Surf. Csg:** $ - | **Rig Move:** | |
| **PV/YP:** | 10/14 | **#2GPM** | 6.5X9 | **Type:** | DSX199 | 506Z | **Int. Csg:** $ - | **Day Rate:** | 15000 |
| **Gel:** | 11/35/44 | **SPM** | 56 | **MFG:** | HYC | HTC | **Prod Csg:** $ - | **Rental Tools:** | $ 1,800 |
| **WL:** | 20 | **GPM :** | 412 | **S/N:** | 106848 | 7107406 | **Float Equp:** $ - | **Trucking:** | |
| **Cake:** | 1/ | **Press:** | 1620 | **Jets:** | 3x14-3x18 | 6 X 16 | **Well Head:** $ - | **Water:** | |
| **Solids:** | 0.3 | **AV DC:** | 347.07 | **In:** | 8451 | | **TBG/Rods:** $ - | **Fuel:** | |
| **Sand:** | N/A | **AV DP:** | 210.98 | **Out:** | 9296 | | **Packers:** $ - | **Mud Logger:** | $ 650 |
| **PH :** | 9 | **JetVel:** | 111 | **FTG:** | 845 | | **Tanks:** $ - | **Logging:** | $ - |
| **Pf/Mf:** | .3/6.3 | **ECD:** | 9.85 | **Hrs:** | 87 1/2 | | **Separator:** $ - | **Cement:** | $ - |
| **Chlor:** | 9000 | **SPR #1 :** | | **FPH:** | 9.7 | | **Heater:** $ - | **Bits:** | $ - |
| **Ca :** | 180 | **SPR #2 :** | | **WOB:** | 10 / 23 | | **Pumping L/T:** $ - | **Mud Motors:** | $ 2,280 |
| **Dapp ppb:** | 5.6 | **Btm.Up:** | 42.6MIN | **RPM:** | 55 / 64 | | **Prime Mover:** $ - | **Corrosion:** | $ 90 |
| | | | | **T/B/G:** | 8-ro-i | | **Misc:** $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 171 1/2 | | **Daily Total:** $ - | **Drilling Mud:** | $ 4,324 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 16:30 | 10:30 | DRLG F / 9232 TO 9296 = 64' @ 6 FPH |
| 16:30 | 22:30 | 6:00 | P00H FOR NEW BIT |
| 22:30 | 23:30 | 1:00 | LAY DOWN MM & PICK UP NEW ONE. PICK UP SS |
| 23:30 | 02:30 | 3:00 | TPIP IN HOLE |
| 02:30 | 03:30 | 1:00 | CHANGE OUT SAVER SUB |
| 03:30 | 06:00 | 2:30 | TRIP IN HOLE.INCOMPLETE |
| | | 24:00 | |

| | |
|---|---|
| **Misc. / Labor:** | |
| **Csg. Crew:** | $ - |
| **Daily Total:** | 24969 |
| **Cum. Wtr:** | $ 7,100 |
| **Cum. Fuel** | 17,429 |
| **Cum. Bits:** | $ 9,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 33.00 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 6 1/2 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| **TOTAL BHA =** | | 678.40 |
| **Survey** | 2 1/2 | 9296' |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U** | 215 K | **LITH:** | 50 % SS / 25% & 25 % CLYST | **BKG GAS** | 35 U |
| **S/O** | 190 U | **FLARE:** | N/A | **CONN GAS** | 100 U |
| **ROT.** | 200 U | **LAST CSG.RAN:** | 8 5/8 **SET @** 3525 KB | **TRIP GAS** | N/A |
| **FUEL** | **Used:** 1202 | **On Hand:** | 4914 **Co.Man** CLYDE BAIRFIELD | **PEAK GAS** | 100 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DDRILLING | Date: | 7/30/2005 | Days: | 12 |
| Depth: 9232' | Prog: 124 | D Hrs: 23 | AV ROP: 5.4 | Formation: | Mesaverde | | |
| DMC: $6,238 | TMC: $54,737 | TDC: $28,607 | CWC: $391,730 | | | | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 9.2 | #1GPM | 6.5X9 | Bit #: | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 37 | SPM | 56 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 7/11 | #2GPM | 6.5X9 | Type: | DSX199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 9/26/.35 | SPM | 56 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | 28 | GPM : | 412 | S/N: | 106848 | Float Equp: | $ - | Trucking: | |
| Cake: | 1/ | Press: | 1620 | Jets: | 3x14-3x18 | Well Head: | $ - | Water: | $ 340 |
| Solids: | 2 | AV DC: | 347.07 | In: | 8451 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 210.98 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 111 | FTG: | 781 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .3/6.5 | ECD: | 9.47 | Hrs: | 77 | Separator: | $ - | Cement: | $ - |
| Chlor: | 10000 | SPR #1 : | | FPH: | 10.1 | Heater: | $ - | Bits: | $ - |
| Ca : | 120 | SPR #2 : | | WOB: | 10 / 22 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.8 | Btm.Up: | 42min | RPM: | 55 / 64 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 161 | Daily Total: | $ - | Drilling Mud: | $ 6,238 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 16:00 | 10:00 | DRLG F 9108 TO 9168= 60' @ 6 FPH |
| 16:00 | 16:30 | 0:30 | SERVICE RIG |
| 16:30 | 18:30 | 2:00 | DRLG F 9168 TO 9191=23' @ 11.5 FPH |
| 18:30 | 19:00 | 0:30 | FUNCTION TEST BOP |
| 19:00 | 06:00 | 11:00 | DRLG F 9191 TO 9232 = 41' @ 3.72 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 1,384 |
| Csg. Crew: | $ - |
| Daily Total: | 28607 |
| Cum. Wtr: | $ 7,100 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | $ 9,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.44 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| TOTAL BHA = | | 663.52 |
| Survey | 3 DEG | 8451' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 212 K | LITH: | 85 % SS 15 % SH | BKG GAS | 20 U |
| S/O | 179 K | FLARE: | N/A | CONN GAS | 27 / 65 U |
| ROT. | 199 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1413 | On Hand: | 6116 Co.Man CLYDE BAIRFIELD | PEAK GAS | 65 U |

95 18E 36

43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 7/28/2005 | Days: 10 |
| Depth: 8890' | Prog: 340 | D Hrs: | 23 1/2 | AV ROP: 14.5 | Formation: | DARK CANYON | |
| DMC: $9,531 | TMC: | $41,208 | | TDC: $33,576 | CWC: | $635,188 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 38 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 8/17 | #2GPM | 6.5X9 | Type: | DSX199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 7/8/10 | SPM | 52 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 412 | S/N: | 106848 | Float Equp: | $ - | Trucking: | |
| Cake: | 2/ | Press: | 1350 | Jets: | 3x14-3x18 | Well Head: | $ - | Water: | $ 3,400 |
| Solids: | 2 | AV DC: | 352.96 | In: | 8451 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 214.56 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 113 | FTG: | 439 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | 0.5 | ECD: | 9.03 | Hrs: | 30 1/2 | Separator: | $ - | Cement: | $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 14.4 | Heater: | $ - | Bits: | $ - |
| Ca : | 160 | SPR #2 : | | WOB: | 10 / 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4 | Btm.Up: | 39.1min | RPM: | 50 / 65 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 114 1/2 | Daily Total: | $ - | Drilling Mud: | $ 9,531 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 20:30 | 14:30 | DRLG F 8550 TO 8784= 234' @ 16 FPH |
| 20:30 | 21:00 | 0:30 | SERVICE RIG |
| 21:00 | 06:00 | 9:00 | DRLG F 8784 TO 8890= 106= 11.77 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | $33,576 |
| Cum. Wtr: | $ 6,760 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | $ 9,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.44 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 663.52 |
| Survey | 3deg | 8451' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 215 K | LITH: | 50% LS / 5 % SS &10 % SH / 35 % CLYST | BKG GAS | 2 U |
| S/O | 180 K | FLARE: | NONE | CONN GAS | 3 U |
| ROT. | 195 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1419 | On Hand: | 8957 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | Date: | 7/27/2005 | Days: | 9 |
| Depth: 8550' | Prog: 99 | D Hrs: 7 | AV ROP: 14.0 | Formation: | WASATCH | | |
| DMC: $90 | TMC: $31,677 | TDC: $20,735 | CWC: $601,612 | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 8.6 | #1GPM | 6.5X9 | Bit #: | 2 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 30 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 4/8 | #2GPM | 6.5X9 | Type: | DSX199 | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 2/2/3 | SPM | 60 | MFG: | HYC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 106848 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1620 | Jets: | 3x14-3x18 | Well Head: | $ - | Water: | |
| Solids: | 1 | AV DC: | 371.44 | In: | 8451 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 225.8 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9.5 | JetVel: | 110 | FTG: | 99 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | 9.5 | ECD: | 8.75 | Hrs: | 7 | Separator: | $ - | Cement: | $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 14.0 | Heater: | $ - | Bits: | $ - |
| Ca : | 180 | SPR #2 : | | WOB: | 10 / 15 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 4.4 | Btm.Up: | 42 MIN | RPM: | 55 / 62 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 91 | Daily Total: | $ - | Drilling Mud: | $ 90 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06"00 | 08:00 | 2:00 | PICK UP BHA |
| 08:00 | 010:00 | 2:00 | (RIG DOWN WORKING ON BRAKES ) |
| 010:00 | 12:30 | 2:30 | TRIP IN HOLE |
| 12:30 | 14:30 | 2:00 | CHANGED OUT BELL NIPPLE |
| 14:30 | 16:00 | 1:30 | TRIP IN HOLE |
| 16:00 | 20:00 | 4:00 | RIG DOWN WORKING ON PUMPS |
| 20:00 | 22:30 | 2:30 | TRPI IN HOLE |
| 22:30 | 23:00 | 0:30 | WASHING TO BOTTOM NO FILL |
| 23:00 | 6:00 | 7:00 | DRLG F 8451 TO 8550=99' @ 14 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | 20753 |
| Cum. Wtr: | $ 3,360 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | $ 9,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.44 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 663.52 |
| Survey | 3deg | 8451' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 125 K | LITH: | 40% SH & 60% SS | BKG GAS | 2 U |
| S/O | 160 K | FLARE: | NONE | CONN GAS | 3 U |
| ROT. | 185 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | 5 U |
| FUEL | Used: 870 | On Hand: | 10376 Co.Man CLYDE BAIRFIELD | PEAK GAS | 5 U |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

CONFIDENTIAL

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | OPR: TRIPPING IN HOLE | | Date: 7/26/2005 | Days: 8 | |
| Depth: 8451' | Prog: | D Hrs: | AV ROP: | Formation: WASATCH | |
| DMC: $2,176 | TMC: $31,587 | | TDC: $50,718 | CWC: $580,877 | |
| Contractor: NABORS RIG # 270 | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 87 | #1GPM | 6.5X9 | Bit #: | 1 | 2 | Conductor: | $ - | Loc,Cost: $ - |
| VIS: | 32 | SPM | 60 | Size: | 7.875 | 7.875 | Surf. Csg: | $ - | Rig Move: |
| PV/YP: | 4 / 8 | #2GPM | 6.5X9 | Type: | 506ZX | DSX 199 | Int. Csg: | $ - | Day Rate: 15000 |
| Gel: | 2/2/3 | SPM | 60 | MFG: | HTC | HYC | Prod Csg: | $ - | Rental Tools: $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | 106848 | Float Equp: | $ - | Trucking: |
| Cake: | 1/ | Press: | 1620 | Jets: | 6 X 16 | 3/14 / 3/16 | Well Head: | $ - | Water: $ 460 |
| Solids: | 2 | AV DC: | 185.72 | In: | 3525 | 8451 | TBG/Rods: | $ - | Fuel: 17585 |
| Sand: | N/A | AV DP: | 112.9 | Out: | 8451 | | Packers: | $ - | Mud Logger: $ 650 |
| PH : | 9.5 | JetVel: | 60 | FTG: | 4926 | | Tanks: | $ - | Logging: $ - |
| Pf/Mf: | .8/4.6 | ECD: | 8.63 | Hrs: | 84 | | Separator: | $ - | Cement: $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 58.6 | | Heater: | $ - | Bits: $ 9,852 |
| Ca : | 180 | SPR #2 : | | WOB: | 20 / 30 | | Pumping L/T: | $ - | Mud Motors: $ 2,280 |
| Dapp ppb: | 4.4 | Btm.Up: | 34.5MIN | RPM: | 50 / 106 | | Prime Mover: | $ - | Corrosion: $ 90 |
| | | | | T/B/G: | 3 / x / i | | Misc: | $ - | Consultant: $ 825 |
| | | | | Rot. Hrs: | 84 | | Daily Total: | $ - | Drilling Mud: $ 2,176 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 10:00 | 4:00 | RIG REPAIR=WELD ON BOARDE & HYDROMATIC |
| 10:00 | 10:30 | 0:30 | PUMP PILL & DROPED SURVEY & TOOH |
| 10:30 | 11:00 | 0:30 | TOOH |
| 11:00 | 11:30 | 0:30 | WORK ON BRAKES RIG REPAIR |
| 11:30 | 12:30 | 1:00 | TOOH |
| 12:30 | 13:00 | 0:30 | WORKING ON BRAKES RIG REPAIR |
| 13:00 | 14:30 | 1:30 | TOOH |
| 14:30 | 15:00 | 0:30 | WORKING ON BRAKES RIG REPAIR |
| 15:00 | 15:30 | 0:30 | TOOH |
| 15:30 | 03:30 | 12:00 | RIG REPAIR CHANGED BRAKE PADS & SET BRAKES |
| 3:30 | 05:30 | 2:00 | TOOH WITH BHA |
| 05:30 | 6:00 | 0:30 | LAY DOWN MM & PICK UP NEW ONE |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | 40866 |
| Cum. Wtr: | $ 3,360 |
| Cum. Fuel | 35014 |
| Cum. Bits: | $ 9,852 |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 28.44 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 673.84 |
| Survey | 3 deg | 8451' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 | LITH: | 30 % SH & 70 % SS | BKG GAS | N/A |
| S/O | 0 | FLARE: | NONE | CONN GAS | N/A |
| ROT. | 0 | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 609 | On Hand: | 11246 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: RIG REPATR | | Date: 7/25/2005 | Days: 7 |
| Depth: 8451' | Prog: | D Hrs: | AV ROP: | Formation: WASATCH | |
| DMC: $9,678 | TMC: $29,411 | | TDC: $30,323 | CWC: $530,159 | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | INTANGIBLE COST |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 8.6 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 32 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 5 / 12 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 5/5/6 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1620 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 1 | AV DC: | 185.72 | In: | 3525 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 112.9 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9.5 | JetVel: | 60 | FTG: | 4926 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .7/5.9 | ECD: | 8.84 | Hrs: | 84 | Separator: | $ - | Cement: | $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 58.5 | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | | WOB: | 20 / 30 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.2 | Btm.Up: | 72.5MIN | RPM: | 50 / 106 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | | Daily Total: | $ - | Drilling Mud: | $ 9,678 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 06:00 | 24:00 | ( DOWN TIME ) CHANGING OUT HYDROMATIC |
| | | | WELDING CRACKES IN BOARD |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $ - |
| Daily Total: | 30323 |
| Cum. Wtr: | $ 2,900 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 680.93 |
| Survey | 3deg | 7994' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 K | LITH: | 30 % SH & 70 % SS | BKG GAS | N/A |
| S/O | 0 180 K | FLARE: | | CONN GAS | N/A |
| ROT. | 0 190 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 695 | On Hand: | 3885 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

T 09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | PUSHER SHUT RIG DOWN | | Date: | 7/24/2005 | Days: 6 |
| Depth: 8451' | Prog: 431 | D Hrs: | 15 1/2 | AV ROP: 27.8 | Formation: | WASATCH | |
| DMC: $1,595 | TMC: | $3,590 | | TDC: | $22,240 | CWC: | $579,094 |
| Contractor: | NABORS RIG # 270 | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 25 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 1/1 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 1/1./1 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1350 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 1 | AV DC: | 371.44 | In: | 3525 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 225.8 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 28/6 | FTG: | 4926 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .8 / 6.8 | ECD: | 8.63 | Hrs: | 84 | Separator: | $ - | Cement: | $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 58.5 | Heater: | $ - | Bits: | $ - |
| Ca : | 120 | SPR #2 : | | WOB: | 20 / 30 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | 5.7 | Btm.Up: | 34.5min | RPM: | 50 / 106 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 84 | Daily Total: | $ - | Drilling Mud: | $ 1,595 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 08:30 | 2:30 | ( DOWN TIME ) NO HANDS |
| 08:30 | 24:00 | 15:30 | DRLG F / 8020 TO 8451= 431' @ 27.5 FPH |
| 24:00 | 06:00 | 6:00 | ( DOWN TIME ) PIN COME OUT OF WALK |
| | | | AROUND ON BOARD.UNSAFE.PUSHER SHUT RIG DOWN. |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $22,240 |
| Csg. Crew: | $ - |
| Daily Total: | 22485 |
| Cum. Wtr: | $ 2,900 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| TOTAL BHA = | | 680.93 |
| Survey | 3deg | 7494' |
| Survey | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U | 200 U | LITH: | 30% SH & 70% SS | | | BKG GAS | 5 U |
| S/O | 180 U | FLARE: | N/A | | | CONN GAS | N/A |
| ROT. | 190 U | LAST CSG.RAN: | 8 5/8 | SET @ | 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 780 | On Hand: | 4580 | Co.Man | CLYDE BAIRFIELD | PEAK GAS | N/A |

T09S R18E S-36
43-047-36220

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | |
|---|---|---|---|---|---|
| **Well:** D.S.S. 21-36-9-18 | **OPR:** DRILLING | | | **Date:** 7/23/2005 | **Days:** 5 |
| **Depth:** 8020' | **Prog:** 920 | **D Hrs:** 21 1/2 | **AV ROP:** 42.8 | **Formation:** WASATCH | |
| **DMC:** $3,534 | **TMC:** $18,137 | | **TDC:** $26,695 | **CWC:** $ 556,854 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Contractor:** | NABORS RIG # 270 | **Mud Co:** | M-I DRLG FLUIDS | **TANGIBLE COST** | | **INTANGIBLE COST** | |
| **MW:** | 8.5 | **#1GPM** | 6.5X9 | **Bit #:** | 1 | **Conductor:** | $ - | **Loc,Cost:** | $ 1,540 |
| **VIS:** | 25 | **SPM** | 60 | **Size:** | 7.875 | **Surf. Csg:** | $ - | **Rig Move:** | |
| **PV/YP:** | 1/1 | **#2GPM** | 6.5X9 | **Type:** | 506ZX | **Int. Csg:** | $ - | **Day Rate:** | 15000 |
| **Gel:** | 1/1./1 | **SPM** | 60 | **MFG:** | HTC | **Prod Csg:** | $ - | **Rental Tools:** | $ 1,800 |
| **WL:** | N/A | **GPM :** | 442 | **S/N:** | 7108279 | **Float Equp:** | $ - | **Trucking:** | |
| **Cake:** | N/A | **Press:** | 1400 | **Jets:** | 6 X 16 | **Well Head:** | $ - | **Water:** | |
| **Solids:** | 1 | **AV DC:** | 371.44 | **In:** | 3525 | **TBG/Rods:** | $ - | **Fuel:** | |
| **Sand:** | N/A | **AV DP:** | 225.8 | **Out:** | | **Packers:** | $ - | **Mud Logger:** | $ 650 |
| **PH :** | 9 | **JetVel:** | 120 | **FTG:** | 4495 | **Tanks:** | $ - | **Logging:** | $ - |
| **Pf/Mf:** | 0.8 | **ECD:** | 8.63 | **Hrs:** | 68 1/2 | **Separator:** | $ - | **Cement:** | $ - |
| **Chlor:** | 14000 | **SPR #1 :** | | **FPH:** | 65.5 | **Heater:** | $ - | **Bits:** | $ - |
| **Ca :** | 120 | **SPR #2 :** | | **WOB:** | 20 / 30 | **Pumping L/T:** | $ - | **Mud Motors:** | $ 2,280 |
| **Dapp ppb:** | 5.9 | **Btm.Up:** | 31min | **RPM:** | 50 106 | **Prime Mover:** | $ - | **Corrosion:** | $ 90 |
| | | | | **T/B/G:** | | **Misc:** | $ - | **Consultant:** | $ 825 |
| | | | | **Rot. Hrs:** | 68 1/2 | **Daily Total:** | $ - | **Drilling Mud:** | $ 3,534 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 09:00 | 3:00 | DRLG F 7100 TO 7272= 172' @ 57 FPH |
| 09:00 | 09:30 | 0:30 | WIRE LINE SURVEY @ 7272 MIS RUN |
| 09:30 | 15:30 | 6:00 | DRLG F 7272 TO 7494= 222@37 FPH |
| 15:30 | 17"00 | 1:30 | ( RIG DOWN ) SURVEY MACHINE HIT TWO HANDS NOT BOLTED |
| | | | TO FLOOR |
| 17:00 | 17:30 | 0:30 | WIRE LINE SURVEY @ 7494= 3 DEG |
| 17:30 | 20:00 | 2:30 | DRLG F 7494 TO 7622=128' @ 51.2 FPH |
| 20:00 | 6:00 | 10:00 | DRLG F 7622 TO 8020= 398' @ 39.8 FPH |
| | | 24:00 | |

| | |
|---|---|
| **Misc. / Labor:** | $ 940 |
| **Csg. Crew:** | |
| **Daily Total:** | 26695 |
| **Cum. Wtr:** | $ 2,900 |
| **Cum. Fuel** | 17,429 |
| **Cum. Bits:** | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| I IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| **TOTAL BHA =** | | 680.93 |
| **Survey** | 3deg | 7494' |
| **Survey** | | |

| | | | | | |
|---|---|---|---|---|---|
| **P/U** | 190 K | **LITH:** | 70% SH / 20% DOL & 10 % SS | **BKG GAS** | 7 / 8 U |
| **S/O** | 175 K | **FLARE:** | N/A | **CONN GAS** | 32 U |
| **ROT.** | 182 K | **LAST CSG.RAN:** | 8 5/8 **SET @** 3525 KB | **TRIP GAS** | N / A |
| **FUEL** | **Used:** 1709 | **On Hand:** | 5642 **Co.Man** CLYDE BAIRFIELD | **PEAK GAS** | N / A |

T09S R18E S-36
43-047-36228

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | Date: | 7/22/2005 | Days: 4 |
| Depth: 7100' | Prog: 1517 | D Hrs: 20 1/2 | AV ROP: 74.0 | | Formation: | WASATCH | |
| DMC: $7,511 | TMC: $14,602 | | | TDC: $28,616 | | CWC: $530,159 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 25 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 1/1 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | $ 15,000 |
| Gel: | 1/1./1 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1550 | Jets: | 6 X 16 | Well Head: | $ - | Water: | $ 460 |
| Solids: | 1 | AV DC: | 371.44 | In: | 3525 | TBG/Rods: | $ - | Fuel: | $ - |
| Sand: | N/A | AV DP: | 225.8 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | 120 | FTG: | 3575 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .9/2 | ECD: | 8.64 | Hrs: | 47 | Separator: | $ - | Cement: | $ - |
| Chlor: | 13000 | SPR #1 : | | FPH: | 76.0 | Heater: | $ - | Bits: | |
| Ca : | 120 | SPR #2 : | | WOB: | 25 / 30 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | N/A | Btm.Up: | 24.8MIN | RPM: | 50 / 106 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 47 | Daily Total: | $ - | Drilling Mud: | $ 7,511 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 011:00 | 5:00 | DRLG F 5583 TO 5998= 415' @ 83 FPH |
| 011:00 | 13:00 | 2:00 | ( DOWN TIME) STANDPIPE SEAL LEAKING |
| 13:00 | 14:00 | 1:00 | DRLG F 5998 TO 6093= 95' @ 95 FPH |
| 14:00 | 15:00 | 1:00 | WIRE LINE SURVEY NO PICTURE |
| 15:00 | 20:30 | 5:30 | DRLG F 6093 TO 6508= 415' @ 75 FPH |
| 20:30 | 21:00 | 0:30 | WIRE LINE SURVEY @ 6473= 2 1/2 DEG |
| 21:00 | 06:00 | 9:00 | DRLG F 6508 TO 7100= 595' @ 66 FPH |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | |
| Daily Total: | $ 28,616 |
| Cum. Wtr: | $ 2,900 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| TOTAL BHA = | | 680.93 |
| Survey | 2 3/4 | 5583' |
| Survey | 2 1/2 | 6473' |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 175 K | LITH: | 50 % SH & 10 % SAND 40 % LIME STONE | BKG GAS | 4 U |
| S/O | 157 K | FLARE: | N/A | CONN GAS | N/A |
| ROT. | 157 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 713 | On Hand: | 7351 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086 T09S R18E S-36 43-047-36220

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | OPR: | DRILLING | Date: | 7/21/2005 | Days: 3 |
| Depth: 5583' | Prog: 1850 | D Hrs: 22 | AV ROP: 84.0 | Formation: | WASATCH |
| DMC: $3,410 | TMC: | $7,090 | TDC: $25,595 | CWC: | $501,543 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | Mud Co: | M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 25 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | |
| PV/YP: | 1/1 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 1/1./1 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1480 | Jets: | 6 X 16 | Well Head: | $ - | Water: | |
| Solids: | 1 | AV DC: | 371.44 | In: | 3525 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | 225.8 | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 10.5 | JetVel: | 120 | FTG: | 2058 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | 1.6/3.4 | ECD: | 8.66 | Hrs: | 26 1/2 | Separator: | $ - | Cement: | $ - |
| Chlor: | 12000 | SPR #1 : | | FPH: | 77.7 | Heater: | $ - | Bits: | $ - |
| Ca : | 140 | SPR #2 : | | WOB: | 10 / 25 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | N/A | Btm.Up: | 16.8MIN | RPM: | 50 / 106 | Prime Mover: | $ - | Corrosion: | $ 90 |
| Time Break Down: | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| START | END | TIME | | Rot. Hrs: | 26 1/2 | Daily Total: | $ - | Drilling Mud: | $ 3,410 |

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 09:30 | 3:30 | DRLG F 3733 TO 4053=320' @ 91 FPH |
| 09:30 | 010:00 | 0:30 | SURVEY @ 4053 2 3/4 DEG |
| 010:00 | 15:30 | 5:30 | DRLG F 4053 TO 4563= 510'@ 92.72 FPH |
| 15:30 | 16:00 | 0:30 | SURVEY @4563 3 DEG |
| 16:00 | 22:00 | 6:00 | DRLG F 4563 TO 5072=509' @ 84.83 FPH |
| 22:00 | 22:30 | 0:30 | SURVEY @5072= 2 DEG |
| 22:30 | 05:30 | 7:00 | DRLG F 5072 TO 5583 = 511' @ 73 FPH |
| 05:30 | 6:00 | 0:30 | SURVEY @ 5583 = 2 3/4 |
| | | | HYDRMATIC OUT DRILLING BY HAND @ 20:30 HRS. |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 1,540 |
| Csg. Crew: | $ - |
| Daily Total: | 25595 |
| Cum. Wtr: | $ 2,440 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

| BHA | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| 1 IBS | 6 1/2 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 7 7/8 | 29.88 |
| 1 IBS | 6 1/2 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 680.93 |
| Survey | 2 3/4 | 5583' |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 145 K | LITH: | SAND & SHALE | BKG GAS | N/A |
| S/O | 135 K | FLARE: | N/A | CONN GAS | N/A |
| ROT. | 140 K | LAST CSG.RAN: | 8 5/8 SET @ 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 1428 | On Hand: | 8064 Co.Man CLYDE BAIRFIELD | PEAK GAS | N/A |

# GASCO ENERGY

CONFIDENTIAL

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086 T09S R18E S-36 43-042-36820

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | | OPR: | DRILLING | | | Date: 7/20/2005 | Days: 2 |
| Depth: 3733' | Prog: 186 | D Hrs: 4 1/2 | AV ROP: 41.3 | | | Formation: WASATCH | |
| DMC: $90 | TMC: $3,680 | | | TDC: $117,225 | | CWC: $475,948 | |
| Contractor: NABORS RIG # 270 | | Mud Co: M-I DRLG FLUIDS | | TANGIBLE COST | | INTANGIBLE COST | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 25 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | $92,500 |
| PV/YP: | 1/1 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 1/1./1 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | 7108279 | Float Equp: | $ - | Trucking: | |
| Cake: | N/A | Press: | 1340 | Jets: | 6 X 16 | Well Head: | $ - | Water: | $ 1,840 |
| Solids: | 1 | AV DC: | | In: | 3525 | TBG/Rods: | $ - | Fuel: | |
| Sand: | N/A | AV DP: | | Out: | | Packers: | $ - | Mud Logger: | |
| PH : | 9 | JetVel: | | FTG: | 186 | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .9/2 | ECD: | 8.5 | Hrs: | 4 1/2 | Separator: | $ - | Cement: | $ - |
| Chlor: | 7000 | SPR #1 : | | FPH: | 41.3 | Heater: | $ - | Bits: | $ - |
| Ca : | 300 | SPR #2 : | | WOB: | 20 | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | N/A | Btm.Up: | | RPM: | 48 / 106 | Prime Mover: | $ - | Corrosion: | $ 90 |
| | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | 4 1/2 | Daily Total: | $ - | Drilling Mud: | $ 90 |

**Time Break Down:**

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 07:30 | 1:30 | LEVELING DERRICK |
| 07:30 | 09:30 | 2:00 | RIG UP CALIBER CASING CREW PICK UP BHA |
| 09:30 | 17:30 | 8:00 | PICK UP D / P=RIH |
| 17:30 | 18:00 | 0:30 | RIG DOWN CASING CREW |
| 18:00 | 19:00 | 1:00 | DOWN TIME ( WORK ON KELLY SPINNER ) |
| 19:00 | 20:30 | 1:30 | TIH TAG CEMENT @ 3531 |
| 20:30 | 01:30 | 5:00 | DRLG CEMENT & FLOAT EQUIPTMENT |
| 01:30 | 06:00 | 4:30 | DRLG FORMATION FROM 3547 TO 3733=186' @ 41.3 FPH |
| | | | |
| | | | RIG ON COMPANY TIME @ 09:30 7-20-2005 |
| | | | |
| | | | NO MUD LOGGERS |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | |
| Csg. Crew: | $2,800 |
| Daily Total: | 117810 |
| Cum. Wtr: | $ 2,440 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

**BHA**

| | | |
|---|---|---|
| Bits: | 7 7/8 | 1.00 |
| M / M | 6 1/2 | 35.53 |
| 1 I IBS | 7 7/8 | 3.37 |
| 1 SS | 6 1/2 | 10.32 |
| 1 DC | 6 1/2 | 29.88 |
| 1 IBS | 7 7/8 | 3.59 |
| 20 DC | 6 1/2 | 597.24 |
| | | |
| TOTAL BHA = | | 680.93 |
| Survey | | |
| Survey | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| P/U | 113 K | LITH: | N / A | | | BKG GAS | N/A |
| S/O | 107 K | FLARE: | N/A | | | CONN GAS | N/A |
| ROT. | 110 K | LAST CSG.RAN: | 8 5/8 | SET @ | 3525 KB | TRIP GAS | N/A |
| FUEL | Used: 884 | On Hand: | 9492 | Co.Man | CLYDE BAIRFIELD | PEAK GAS | N/A |

# GASCO ENERGY

## DAILY DRILLING AND COMPLETION REPORT

AFE # 40086 T09S R18E S-36 43-047-36320

| | | | | | |
|---|---|---|---|---|---|
| Well: D.S.S. 21-36-9-18 | OPR: | LEVELING DERRICK | Date: | 7/19/2005 | Days: 1 |
| Depth: | Prog: | D Hrs: | AV ROP: | Formation: | |
| DMC: $3,590 | TMC: | $3,590 | TDC: | $46,296 | CWC: $358,723 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Contractor: | NABORS RIG # 270 | | | Mud Co: | M-I DRLG FLUIDS | TANGIBLE COST | | INTANGIBLE COST | |
| MW: | 8.5 | #1GPM | 6.5X9 | Bit #: | 1 | Conductor: | $ - | Loc,Cost: | $ - |
| VIS: | 25 | SPM | 60 | Size: | 7.875 | Surf. Csg: | $ - | Rig Move: | $ - |
| PV/YP: | 1/1 | #2GPM | 6.5X9 | Type: | 506ZX | Int. Csg: | $ - | Day Rate: | 15000 |
| Gel: | 1/1./1 | SPM | 60 | MFG: | HTC | Prod Csg: | $ - | Rental Tools: | $ 1,800 |
| WL: | N/A | GPM : | 442 | S/N: | | Float Equp: | $ - | Trucking: | $ 510 |
| Cake: | N/A | Press: | | Jets: | 6 X 16 | Well Head: | $ - | Water: | $ - |
| Solids: | 1 | AV DC: | | In: | 3493 | TBG/Rods: | $ - | Fuel: | 17,429 |
| Sand: | N/A | AV DP: | | Out: | | Packers: | $ - | Mud Logger: | $ 650 |
| PH : | 9 | JetVel: | | FTG: | | Tanks: | $ - | Logging: | $ - |
| Pf/Mf: | .9/2 | ECD: | 8.5 | Hrs: | | Separator: | $ - | Cement: | $ - |
| Chlor: | 7000 | SPR #1 : | | FPH: | | Heater: | $ - | Bits: | $ - |
| Ca : | 300 | SPR #2 : | | WOB: | | Pumping L/T: | $ - | Mud Motors: | $ 2,280 |
| Dapp ppb: | N/A | Btm.Up: | | RPM: | | Prime Mover: | $ - | Corrosion: | $ 90 |
| Time Break Down: | | | | T/B/G: | | Misc: | $ - | Consultant: | $ 825 |
| | | | | Rot. Hrs: | | Daily Total: | $ - | Drilling Mud: | $ 3,590 |

| START | END | TIME | |
|---|---|---|---|
| 06:00 | 011:30 | 5:30 | NIPPLE UP BOP KILL LINE CHOKE LINE & |
| | | | HOOKED UP HYDRAULIC LINES |
| 011:30 | 14:30 | 3:00 | HUNG FLOW LINE. |
| 14:30 | 22:30 | 8:00 | TEST BOP |
| 22:30 | 04:30 | 6:00 | FILL MUD PITS SET IN SURVEY MACHINE |
| 04:30 | 06:00 | 1:30 | LEVELING DERRICK |
| | | 24:00 | |

| | |
|---|---|
| Misc. / Labor: | $ 4,122 |
| Csg. Crew: | $ - |
| Daily Total: | 46296 |
| Cum. Wtr: | $ 600 |
| Cum. Fuel | 17,429 |
| Cum. Bits: | |

| BHA | | |
|---|---|---|
| | | |
| TOTAL BHA = | | 0.00 |
| Survey | | |
| Survey | | |

| | | | | | |
|---|---|---|---|---|---|
| P/U | 0 | LITH: | | | BKG GAS |
| S/O | 0 | FLARE: | | | CONN GAS |
| ROT. | 0 | LAST CSG.RAN: | 8 5/8 | SET @ 3493 K B | TRIP GAS |
| FUEL | Used: | On Hand: | | Co.Man CLYDE BAIRFIELD | PEAK GAS |

GASCO PRODUCTION COMPANY

**Desert Springs State 21-36-9-18**

T09S R18E S-36
43-047-36220

**Completion**

**9/20/05** Ran CBL/Gamma Ray/CCL logs. Psi tested csg to 9500 psi, ok

**9/21/05** MIRU SLB Wireline (Jason). Perforated Stage 1 – Spring Canyon f/ 12458 – 68', 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased.

**9/22/05** MIRU SLB (red crew – Selwyn) to frac. Fd 1915 SICP. Broke dn perfs @ 6280 psi @ 5.3 bpm. ISIP 5400 psi. FG .87. Calc 25 holes open / 30. Gel fraced w/ 175,470# 20-40 Econoprop, using 2298 bbls 25 and 20# gel. Entire 5 ppg stage with prop net added. Flushed w/ 183.9 bbls. ISIP 5850. FG .91. Opened well up to FB on 10/64" ck @ 11:00 AM, w/ 5200 SICP. Released crew for night, to flow back Spring Canyon zone. (SCE) DC 31,436 (completion) CCC 31,436

**9/23/05** SWI @ 2:00 AM w/ 4880 FCP on 10/64" ck. Made 624 bbls in 15 hrs. TR 624. BLWTR 1858. RIH w/ plug and guns to perf Stage 2, Aberdeen / Kenilworth. Set FTFP #1 @ 12373'. Perfed f/ 12241 – 45', 12292 – 95', 12354 – 58', 3 spf. RU to frac, problems w/ computer on blender. Dn for repairs until 10:45 AM. Replaced computer. Test lines, ready to frac. Fd 6110 psi. Loaded hole w/ +- 40 bbls. Pumped into perfs @ 8260 @ 6.3 bpm. SD to repair blender. ISIP 6765. Started up again, and SD again. This time, ISIP 5600. SD again until 1:30 PM. Started off pumping x-linked pad (as per Bilu). Hybrid fraced Stg 2 w/ 106,332# 20-40 Tempered DC+, using 2831 bbls WF and YF 118 gel. Had some trouble w/ pumps and pumped job at less than design rate (42 and 48 BPM / 55 design). Flushed w/ 180.6 bbls. ISIP 4880. FG .84. Opened well up to FB @ 2:20 PM on 12/64" ck w/ 4400 SICP. Cleaned up. SI and RIH to perf "perf only" zone f/ 12006 – 16'. Put well back on FB for night. (SCE)

**9/24/05** SWI @ 6:00 AM to perf. RIH w/ plug and guns to perf Stage 3 – Desert / Grassy. Set Baker 9K FTFP #2 @ 11953'. Perfed f/ 11824 – 28', 11832 – 36', 11874 – 77', 11934 – 38', 3 spf. RU to frac. Broke dn perfs @ 6280 psi @ 5.3 bpm. ISIP 4490. FG .82. Calc 18 hole open / 45 (low rate). Gel fraced w/ 115,417# 20-40 Temp DC+, using 1770 bbls YF 125 and 120 gel. Flushed csg w/ 174.4 bbls. ISIP 4850. FG .85. Opened well to FB @ 10:30 AM, on 12/64" ck, w/ 4400 SICP. Cleaned up very quickly. RIH w/ plug and guns to perf Stage 4 – Lower Mesaverde. Set FTFP #3 @ 11511'. Perfed f/ 11239 – 42', 11340 – 43', 11432 – 36', 11492 – 96', 3 spf. Fd 4100 SICP. Broke dn perfs @ 5244 psi @ 5.3 bpm. ISIP 4550. FG .84. Calc 19 holes open / 42. Hybrid fraced w/ 125115# 20-40 Tempered DC+, using 2860 bbls

**WF and YF 118 gel. Flushed w/ 165.7 bbls. ISIP 4710. FG .85. Opened well up to FB @ 4:30 PM on 12/64" ck w/ 4300 SICP. (SCE)**

**9/25/05** **SWI @ 6:30 AM w/ 3500 FCP on 14/64" ck. Made 1566 bbls in 16 ¾ hrs. TR 3210. BLWTR 6733. RIH w/ plug and guns to perf Stage 5 – Lower Mesaverde. Set FTFP #4 @ 10913'. Perfed f/ 10847 – 50', 10855 – 58', 10893 – 98', 3 spf. Broke dn perfs @ 4840 psi @ 5.3 bpm. ISIP 4480. FG .85. Calc 20 holes open /33. Gel fraced Stg 5 w/ 86000# 20-40 Tempered DC+ and 40900# 20-40 Econoprop, using 1990 bbls YF 125, 20, and 18 gel. Flushed csg w/ 126 bbls. Screened out to 9700 psi, 33 bbls short of flushed. ISIP N/A. Opened well up to FB @ 9:35 AM w/ 6300 SICP, on 12/64" ck. Stepped up to 14, then 16/64 to flow back screenout. Cleaned up sd and RIH w/ plug and guns to perf Stg 6 – Lower Mesaverde. Set FTFP #5 @ 10789'. Perfed f/ 10678 – 83' 10705 – 08', 10725 – 28', 10771 – 74', 3 spf. Broke dn perfs @ 6305 psi @ 5.3 bpm. Calc 21 holes open / 42. ISIP 4490. FG .86. Gel fraced Stg 6 w/ 93000# 20-40 Tempered DC+, and 35303# 20-40 Econoprop, using 2038 bbls YF 125, 120, and 118 gel. Flushed csg w/ 157.3 bbls. ISIP 4630. FG .87. Opened to FB @ 3;30 PM on 12/64" ck w/ 4000 SICP. (SCE) DC $833,633 CCC $865,069**

**9/26/05** **Well flowing this AM @ 3400 FCP on 16/64" ck. Flowed 1882 bbls in 18 ½ hrs. TR 5092. BLWTR 8879.**

**9/27/05** **Well flowing this AM @ 3650 FCP on 16/64" ck. Flowed 1639 bbls in 24 hrs. TR 6731. BLWTR 7240. Making small amt of sd (Econoprop). Will tie in sand trap @ wellhead for turn on. (SCE)**

9/28/05 Put well dn sales line at 12:00 Midnight, 9/26/05. Flowing this AM @ 4150 FCP on 12/64" ck. Made 724 bbls wtr in 24 hrs. TR 7455. BLWTR 6516. Sold 366 MCF in 8 hrs. Well flowing between 800 and 1.3 MMCFD rate w/ water fluctuating rate. Turn well over to pumpers. (SCE)

9/30/05 Spot in and rig up CUDD coil tbg unit. Pick up BHA as follows Baker Hughes 3 ¾ opti-cut mill, 2 7/8 motor, x-over, latch on sub. Nipple up to well head and pressure test. Swivel packing blew out. Shut down for repairs until Monday. Return well to production for weekend. (CR) DC $ 12,174, CCC $877,243.

10/3/05 Well flowing this AM @ 4100 PSI @ 2440 MMCFD. Pressure test stack to 7500 PSI held good. Start in hole with BHA and coil TBG. Tag plug #1 @ 10,790'kb @ 10:25 AM, Flow well back to pit on a 14/64 choke @ 3300 PSI with a pump rate of 2 BPM. Tag remaining plugs @ proper depths. Tag PBTD @ 12,650' @ 2:30 PM pump sweep. Start out of hole @ 2:45 PM W/ well flowing @ 2750 PSI on a 16/64 choke. FCP 4200 PSI

on a 14/64 choke flowing back light sand with scattered fluid. (CR). DC $57,428 CCC $934,671.

**Desert Springs State 21-36-9-18**

T09S R18E S-36
43-047-36220

Completion

9/20/05 Ran CBL/Gamma Ray/CCL logs. Psi tested csg to 9500 psi, ok

9/21/05 MIRU SLB Wireline (Jason). Perforated Stage 1 – Spring Canyon f/ 12458 – 68', 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased.

9/22/05 MIRU SLB (red crew – Selwyn) to frac. Fd 1915 SICP. Broke dn perfs @ 6280 psi @ 5.3 bpm. ISIP 5400 psi. FG .87. Calc 25 holes open / 30. Gel fraced w/ 175,470# 20-40 Econoprop, using 2298 bbls 25 and 20# gel. Entire 5 ppg stage with prop net added. Flushed w/ 183.9 bbls. ISIP 5850. FG .91. Opened well up to FB on 10/64" ck @ 11:00 AM, w/ 5200 SICP. Released crew for night, to flow back Spring Canyon zone. (SCE) DC 31,436 (completion) CCC 31,436

9/23/05 SWI @ 2:00 AM w/ 4880 FCP on 10/64" ck. Made 624 bbls in 15 hrs. TR 624. BLWTR 1858. RIH w/ plug and guns to perf Stage 2, Aberdeen / Kenilworth. Set FTFP #1 @ 12373'. Perfed f/ 12241 – 45', 12292 – 95', 12354 – 58', 3 spf. RU to frac, problems w/ computer on blender. Dn for repairs until 10:45 AM. Replaced computer. Test lines, ready to frac. Fd 6110 psi. Loaded hole w/ +- 40 bbls. Pumped into perfs @ 8260 @ 6.3 bpm. SD to repair blender. ISIP 6765. Started up again, and SD again. This time, ISIP 5600. SD again until 1:30 PM. Started off pumping x-linked pad (as per Bilu). Hybrid fraced Stg 2 w/ 106,332# 20-40 Tempered DC+, using 2831 bbls WF and YF 118 gel. Had some trouble w/ pumps and pumped job at less than design rate (42 and 48 BPM / 55 design). Flushed w/ 180.6 bbls. ISIP 4880. FG .84. Opened well up to FB @ 2:20 PM on 12/64" ck w/ 4400 SICP. Cleaned up. SI and RIH to perf "perf only" zone f/ 12006 – 16'. Put well back on FB for night. (SCE)

9/24/05 SWI @ 6:00 AM to perf. RIH w/ plug and guns to perf Stage 3 – Desert / Grassy. Set Baker 9K FTFP #2 @ 11953'. Perfed f/ 11824 – 28', 11832 – 36', 11874 – 77', 11934 – 38', 3 spf. RU to frac. Broke dn perfs @ 6280 psi @ 5.3 bpm. ISIP 4490. FG .82. Calc 18 hole open / 45 (low rate). Gel fraced w/ 115,417# 20-40 Temp DC+, using 1770 bbls YF 125 and 120 gel. Flushed csg w/ 174.4 bbls. ISIP 4850. FG .85. Opened well to FB @ 10:30 AM, on 12/64" ck, w/ 4400 SICP. Cleaned up very quickly. RIH w/ plug and guns to perf Stage 4 – Lower Mesaverde. Set FTFP #3 @ 11511'. Perfed f/ 11239 – 42', 11340 – 43', 11432 – 36', 11492 – 96', 3 spf. Fd 4100 SICP. Broke dn perfs @ 5244 psi @ 5.3 bpm. ISIP 4550. FG .84. Calc 19 holes open / 42. Hybrid fraced w/ 125115# 20-40 Tempered DC+, using 2860 bbls

WF and YF 118 gel. Flushed w/ 165.7 bbls. ISIP 4710. FG .85. Opened well up to FB @ 4:30 PM on 12/64" ck w/ 4300 SICP. (SCE)

9/25/05 SWI @ 6:30 AM w/ 3500 FCP on 14/64" ck. Made 1566 bbls in 16 ¾ hrs. TR 3210. BLWTR 6733. RIH w/ plug and guns to perf Stage 5 – Lower Mesaverde. Set FTFP #4 @ 10913'. Perfed f/ 10847 – 50', 10855 – 58', 10893 – 98', 3 spf. Broke dn perfs @ 4840 psi @ 5.3 bpm. ISIP 4480. FG .85. Calc 20 holes open /33. Gel fraced Stg 5 w/ 86000# 20-40 Tempered DC+ and 40900# 20-40 Econoprop, using 1990 bbls YF 125, 20, and 18 gel. Flushed csg w/ 126 bbls. Screened out to 9700 psi, 33 bbls short of flushed. ISIP N/A. Opened well up to FB @ 9:35 AM w/ 6300 SICP, on 12/64" ck. Stepped up to 14, then 16/64 to flow back screenout. Cleaned up sd and RIH w/ plug and guns to perf Stg 6 – Lower Mesaverde. Set FTFP #5 @ 10789'. Perfed f/ 10678 – 83' 10705 – 08', 10725 – 28', 10771 – 74', 3 spf. Broke dn perfs @ 6305 psi @ 5.3 bpm. Calc 21 holes open / 42. ISIP 4490. FG .86. Gel fraced Stg 6 w/ 93000# 20-40 Tempered DC+, and 35303# 20-40 Econoprop, using 2038 bbls YF 125, 120, and 118 gel. Flushed csg w/ 157.3 bbls. ISIP 4630. FG .87. Opened to FB @ 3;30 PM on 12/64" ck w/ 4000 SICP. (SCE) DC $833,633 CCC $865,069

9/26/05 Well flowing this AM @ 3400 FCP on 16/64" ck. Flowed 1882 bbls in 18 ½ hrs. TR 5092. BLWTR 8879.

9/27/05 Well flowing this AM @ 3650 FCP on 16/64" ck. Flowed 1639 bbls in 24 hrs. TR 6731. BLWTR 7240. Making small amt of sd (Econoprop). Will tie in sand trap @ wellhead for turn on. (SCE)

9/28/05 Put well dn sales line at 12:00 Midnight, 9/26/05. Flowing this AM @ 4150 FCP on 12/64" ck. Made 724 bbls wtr in 24 hrs. TR 7455. BLWTR 6516. Sold 366 MCF in 8 hrs. Well flowing between 800 and 1.3 MMCFD rate w/ water fluctuating rate. Turn well over to pumpers. (SCE)

9/30/05 Spot in and rig up CUDD coil tbg unit. Pick up BHA as follows Baker Hughes 3 ¾ opti-cut mill, 2 7/8 motor, x-over, latch on sub. Nipple up to well head and pressure test. Swivel packing blew out. Shut down for repairs until Monday. Return well to production for weekend. (CR) DC $ 12,174, CCC $877,243.

10/3/05 Well flowing this AM @ 4100 PSI @ 2440 MMCFD. Pressure test stack to 7500 PSI held good. Start in hole with BHA and coil TBG. Tag plug #1 @ 10,790'kb @ 10:25 AM, Flow well back to pit on a 14/64 choke @ 3300 PSI with a pump rate of 2 BPM. Tag remaining plugs @ proper depths. Tag PBTD @ 12,650' @ 2:30 PM pump sweep. Start out of hole @ 2:45 PM W/ well flowing @ 2750 PSI on a

**16/64 choke. FCP 4200 PSI on a 14/64 choke flowing back light sand with scattered fluid. (CR). DC $57,428 CCC $934,671.**

**10/4/05** **Well flowing this morning @ 3900 PSI with scattered fluid on a 14/64 choke. Well flowed back 700 BBLS water in 9 hrs TR 8155.BLWTR 6516. Turned well over to pumpers @ 2:00AM. (CR)**

GASCO PRODUCTION CO

**Desert Springs State 21-36-9-18**

T09S R18E S-36
43-047-36220

**Completion**

**9/20/05** Ran CBL/Gamma Ray/CCL logs. Psi tested csg to 9500 psi, ok

**9/21/05** MIRU SLB Wireline (Jason). Perforated Stage 1 – Spring Canyon f/ 12458 – 68', 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased.

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RECEIVED
JUL 19 2006
DIV. OF OIL, GAS & MINING

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Run tbg

12/7/05 MORU service unit. Rig up pump and tank, set racks and catwalk. Unload Tbg and shut down for day. ( Rick w/ Premier/ CR) DC $ 5599 CCC $ 940,270

12/8/05 Well flowing this AM @ 1400 psi. Finish unloading Tbg. Pump 60 BBLS and NDWH and NU BOP. Pick up 3 ¾ bit, PO bit sub, 1 JT, XN nipple, and start in hole tallying picking up. Pick up 326 Jts and

**shut down for night leaving well flowing down sales. ( Rick w/ Premier / CR) DC $ 6381 CCC $ 946,651**

**12/9/05** **Well flowing this AM @ 1000 psi. Open up well and finish RIH w/ Tbg. Tag PBTD @ 12625'. Lay down 60 Jts and land well @ 10613' w/ 328 Jts,XN nipple, 1 Jt. Broach well and pump off bit. Load out pump and tank RDMO. DC $ 5283CCC $951,934**

12/15/05 updated late cost 3829. CCC $957,217

**Completion – Mobe 2 – Dark Canyon, Upper Mesaverde, Wasatch**

7/6/06 MORU service unit, spot in tbg float and pump and tank. Lay pump lines and SDFD. (CR) DC $2000 CCC $ 959,217

7/7/06 Top killed well. NU BOPE. POOH w/ tbg. RIH w/ bit and scraper to 9300'. POOH and stand back tbg. ND BOPE. NU frac tree and test. Well ready to frac. DC __ CCC __

7/12/06 MIRU Superior and BWWC. RIH w/ plug and guns to **perf Stage 1, Dark Canyon – Upper Mesaverde.** Set Magnum 10K CBP #1 @ 9290'. Loaded csg and psi tested csg and plug to 8000 psi, ok. Perforated f/ **9266 – 70', 9192 – 95'**, and third gun misfired. POOH. RIH and shot **9080 – 83'**, 3 spf w/ 3 3/8" scalloped gun. RU Superior onto wellhead (had to re-flange). Broke dn perfs @ 5250 psi @ 9.6 bpm. Calc 12 holes open / 30. Gel fraced w/ 129,700# 20-40 white sd, and 50,000# 20-40 PR 6000 sd, using 2374 bbls 20#, 18# and 17# XL 300B gel. ISIP 3869. FG .86. Flush sand concentration fell very slowly (2.5 ppg to .3 ppg took 22 bbls). RIH w/ plug and guns to shoot **Stage 2 – Wasatch**. Set Magnum FTFP #2 @ 8445'. Perforated f/ **8426 – 30'**. RU to frac, and wouldn't break dn. RIH w/ guns to reshoot, and tagged sd fill @ 8408' and got stuck. Perfs covered, due to sd in flush. Turned well on to FB and freed up gun. POOH. Opened @ 8:40 PM on 12/64" ck, w/ 3250 SICP. SWI @ 7:15 AM 7/11/06 w/ 1250 FCP on 16/64" ck. TR 1011. BLWTR 2441.

7/13/06 RIH w/ plug and gun to reshoot Stage 2. Stacked out in sd @ 8431' (1' of rat hole). No room to set new plug. POOH and LD plug. RIH w/ gun and reshoot **8426 – 30'**. RU Superior to frac. Broke dn perfs @ 4436 psi @ 4.7 bpm. Calc 15 holes open / 12-24 (w/ re-shoot). ISIP 3200. FG .82. Hybrid fraced w/ 60,000# 20-40 white sd, and 10,000# 20-40 PR 6000, using1982 bbls 20# and 18# XL 300 b gel. Flushed w/ 123.7 bbls. Switched blender over to clean x-over to flush. Flush still cleaned up very slowly ( took 20 bbls for sand concentration to drop from 2.5 ppg to .3 ppg, another 10 bbls to drop to .15 ppg). Opened well up to FB @ 1:10 PM, on 12/64" ck w/ 3150 SICP. Started getting light to med sand back

@ 25 bbls recovered. Cleaned up sand and SI to perforate. RIH w/ plug and guns to perforate **Stage 3 – Wasatch**. Set Magnum 8K FTFP #3 @ 7705'. Did not psi test plug, due to inability to pump without putting sd dn wellbore. Fd 2700 SICP. Pumped up to 2900. Perforated f/ **7686 – 7690'**. Well psi dropped to 1300 psi after shot, while pumping 1.5 bpm. POOH w/ Wireline. Pumped 30 bbls while perforating. Pumped into perfs (no break down) @ 2600 psi @ 5.2 bpm. ISIP 2470. FG .76. Hybrid fraced w/ 73,000# 20-40 white sd, and 20,000# 20-40 PR 6000, using 2415 bbls 18#, 17#, and 16# XL 300b gel. Flushed w/ 112.6 bbls. ISIP 2412. FG . 76. Opened well up to FB @ 8:20 PM, on 12/64" ck, w/ 2350 SICP. SWI @ 7:00 AM to set kill plug w/ 1050 FCP. Made 1135 bbls in 14 hrs. TR 2146. BLWTR 5703. Heavy sd started coming back w/ only 70 bbls recovered. (SCE) DC 135,184 CCC $1,092,401

7/14/06 RIH w/ Magnum 8K CBP (kill plug). Set @ 7000'. RDMO BWWC. Blew well dn. ND frac tree. NU BOPE. RIH w/ 3 ¾" Magnum mill + POBS w/ float + X nipple + 2 3/8" tbg. Tagged plug @ 7550'. RU Maverick N2 combo unit. Drill out kill plug (7 min). RIH and drilled out plug #3 @ 7690' (10 min). RIH and drilled out plug #2 @ 8430' (12 min). RIH and tagged sd @ 9260'. Circ 30' sd to plug #1 @ 9290'. Started to drill out and power swivel broke dn. SDFN (repaired swivel). Turned well over to FB crew. Well flg this AM (7:00 AM 7/14) 1000 FCP on 16/64" ck. Made 225 bbls in 9 hrs. TR 2371. BLWTR 5428. (Rick w/ Premier-SCE) DC $36,166 (caught up WO rig days) CCC $1,128,567

7/15/06 Contined to drill up plug #1. Tbg stuck. Worked. Finally able to word tbg dn hole and free up. RIH w/ 60 jts (348 total) and tagged scale build up @ 11207'. Drilled dn to 12,230'. SDFN. Scale drilling very slow. Very hard scale. Turned well over to FB crew for night. Well this AM (7/15/06) @ 1050 FCP, dn line, selling gas. Made 253 bbls in 11 hrs. TR 2625. BLWTR 5225. (Rick w/ Premier, SCE) DC $ 20,654 CCC $1,149,221

7/17/06 Well flowing this AM @ 1050 psi. Open well up and break circ, start drilling scale. Drilling @ 1 FPH, drill down to 12,239' and roll hole clean. POOH w/ 2 jts and turn well over to flowback for clean up. SDFD. (Rick w/ Premier / CR) DC $ 20,661 CCC $ 1,169,882

7/18/06 Well flowing this AM @ 950 psi. Open well up and break circ, RIH w/ 2 jts and retag @ 12,234'. Wash down to 12,239' and start drilling. Drill down to 12,241 and fall thru ( Scale was from 12,207 – 12,241'). RIH w/ 40 jts and tag PBTD @ 12,622' w/ 393 jts. POOH w. 8 jts and land tbg @ 12,363' w/ 385 jts. ND BOP and NUWH, drop ball and broach tbg. Pump bit off and 3700 psi. RDMO service unit. (Rick w/ Premier) DC $ 14,947 CCC $1,184,829

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

CONFIDENTIAL

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45171

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Desert Spring State 21-36-9-18

9. API NUMBER: 4304736220

10 FIELD AND POOL, OR WILDCAT: 8 Mile Flat North

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE NW 36 9 18

12. COUNTY: Uintah

13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Gasco Production Company

3. ADDRESS OF OPERATOR: 8 Inverness Drive E, Ste 100 CITY Englewood STATE Co ZIP 80112

PHONE NUMBER: (303) 483-0044

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 729' FNL & 1920' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: Same

AT TOTAL DEPTH: Same

CONFIDENTIAL

14. DATE SPUDDED: 6/6/2005

15. DATE T.D. REACHED: 8/29/2005

16. DATE COMPLETED: 9/27/2005 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 4919' GL & 4945' KB

18. TOTAL DEPTH: MD 12,700 TVD 12,700

19. PLUG BACK T.D.: MD 12,622 TVD 12,622

20. IF MULTIPLE COMPLETIONS, HOW MANY? * NA

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CNL, GR, CBL, HRLL, PELL, BHC

23.

| | | | |
|---|---|---|---|
| WAS WELL CORED? | NO ☑ | YES ☐ | (Submit analysis) |
| WAS DST RUN? | NO ☑ | YES ☐ | (Submit report) |
| DIRECTIONAL SURVEY? | NO ☑ | YES ☐ | (Submit copy) |

**24. CASING AND LINER RECORD (Report all strings set in well)**

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|---|---|---|---|---|---|---|---|---|---|
| 17 1/2" | 13 3/8 H40 | 48# | 0 | 220 | | G 325 | | Circ to surf | |
| 12 1/4" | 8 5/8 J55 | 32# | 0 | 3,520 | | G 450 | | Circ to surf | |
| | | | | | | Hilift 375 | | | |
| 7 7/8" | 4 1/2 P110 | 13.5# | 0 | 12,696 | | G 460 | | Circ to surf | |
| | | | | | | 50-50 1,480 | | | |
| | | | | | | | | | |

**25. TUBING RECORD**

| SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|---|---|---|---|---|---|
| 2 3/8" | 12,363 | | | | | | | |

**26. PRODUCING INTERVALS**

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) |
|---|---|---|---|---|
| (A) Blackhawk | 11,824 | 12,468 | | |
| (B) Mesa Verde | 10,678 | 11,496 | | |
| (C) Dark Canyon | 9,080 | 9,270 | | |
| (D) Wasatch | 7,686 | 7,690 | | |

**27. PERFORATION RECORD**

| INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS |
|---|---|---|---|
| See Attached | | | Open ☐ Squeezed ☐ |
| | | | Open ☐ Squeezed ☐ |
| | | | Open ☐ Squeezed ☐ |
| | | | Open ☐ Squeezed ☐ |

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|---|---|
| | See Attached |
| | |
| | |

**29. ENCLOSED ATTACHMENTS:**

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

**30. WELL STATUS:** Producing

(5/2000)

(CONTINUED ON BACK)

RECEIVED
SEP 12 2006
DIV. OF OIL, GAS & MINING

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in Item #26)**

| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
|---|---|---|---|---|---|---|---|---|---|---|
| 9/27/2005 | | 10/2/2005 | | 24 | | | 0 | 1,511 | 107 | Flowing |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |
| 12/64" | 0 | 3,650 | | | | | 0 | 1,511 | 107 | A & B open |

**INTERVAL B (As shown in Item #26)**

| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
|---|---|---|---|---|---|---|---|---|---|---|
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

**INTERVAL C (As shown in Item #26)**

| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
|---|---|---|---|---|---|---|---|---|---|---|
| 7/15/2006 | | 7/24/2006 | | 24 | | | 10 | 849 | 216 | Flowing |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |
| | 1,305 | 0 | | | | | 10 | 849 | 216 | all open |

**INTERVAL D (As shown in Item #26)**

| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
|---|---|---|---|---|---|---|---|---|---|---|
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

Sold

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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

**34. FORMATION (Log) MARKERS:**

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|---|---|---|---|---|---|
| Wasatch | 5,023 | 9,040 | | | |
| Dark Canyon | 9,041 | 9,312 | | | |
| Mesa Verde | 9,312 | 11,546 | | | |
| Blackhawk | 11,806 | | TD'd well within the Blackhawk @ 12,700' | | |

**35. ADDITIONAL REMARKS (Include plugging procedure)**

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

NAME (PLEASE PRINT) Beverly Walker TITLE Engineering Technician

SIGNATURE Beverly Walker DATE 8/18/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

# Desert Spring State 21-36-9-18

***Additional Information to Well Completion Report***

27. Perforation Record

| Perforated Interval | Size | No. Hole | Perf. Status |
|---|---|---|---|
| 12458-68; 12354-58; 12292-95; 12241-45; 11934-38; 11874-77; 11832-36; 11824-28 | 0.38 | 108 | Open |
| 11492-96; 11432-36; 11340-43; 11239-42; 10893-98; 10855-58; 10847-50; 10771-74; 10725-28; 10705-08; 10678-83 | 0.38 | 123 | Open |
| 9266-70; 9192-95; 9080-83; 8426-30; 7686-7690 | 0.38 | 54 | Open |
| | | | |
| | | | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 12,458-12,468 | 175,470# 20-40 Econoprop, using 2,298 bbls 25 and 20# gel |
| 12,241-12,358 | 106,332# 20-40 Tempered DC+, using 2,831 bbls WF and YF 118 gel |
| 11,824-11,938 | 115,417# 20-40 Temp DC+, using 1,770 bbls YF 125 and 120 gel |
| 11,239-11,242 | 125,115# 20-40 Tempered DC+, using 2,860 bbls WF and YF 118 gel |
| 10,847-10,898 | 86,000# 20-40 Tempered DC+ and 40,900# 20-40 Econoprop, using 1,990 bbls YF 125, 20, and 18 gel |
| 10,678-10,774 | 93,000# 20-40 Tempered DC+, and 35,303# 20-40 Econoprop, using 2,038 bbls YF 125, 120, and 118 gel |
| 9,080-9,270 | 129,700# 20-40 white sand, and 50,000# 20-40 PR 6000 sand, using 2,374 bbls 20#, 18# and 17# XL 300B gel |
| 8,426-8,430 | 60,000# 20-40 white sand, and 10,000# 20-40 PR 6000, using 1,982 bbls 20# and 18# XL 300B gel |
| 7,686-7,690 | 73,000# 20-40 white sand, and 20,000# 20-40 PR 6000, using 2,415 bbls 18#, 17#, and 16# XL 300B gel |

FORM 9

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

# SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45171
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: DESERT SPRING STATE 21-36-9-18
9. API NUMBER: 4304736220
10. FIELD AND POOL, OR WILDCAT: 8 MILE FLAT NORTH

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY
3. ADDRESS OF OPERATOR: 8 INVERNESS DRIVE E,STE CITY ENGLEWOOD STATE CO ZIP 80112 PHONE NUMBER: (303) 483-0044
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 729' FNL X 1920' FWL COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 36 9S 19E 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: 7/14/2006 | ☐ ALTER CASING | ☑ FRACTURE TREAT | ☐ SIDETRACK TO REPAIR WELL |
| | ☐ 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 intends to complete all productive intervals in the Mesaverde and Wasatch formations, and to commingle production from these intervals. Following the final fracture stimulation, a Completion Report containing the perforation and stimulation specifics for each zone completed, will be submitted.

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

Gasco Production Company has provided the owners of all contiguous oil and gas leases or drilling units overlying the pools to be commingled with a copy of this application, and has requested that they waive their rights to the 15-day period of objection per UDOGM Rule 649-3-22(3). Copies of emails from these owners, verifying their waivers, are attached. Gasco therefore respectfully requests that the Division accept this application, with attachments, in lieu of the required affidavit with regard to notification of the aforementioned owners.

Attachments:
1. Exhibit showing the location of all wells on, and the lease owners of, contiguous oil and gas lease or drilling units overlying the subject pools.
2. Copies of waiver-of-objection emails from offset lease owners (Newfield, Stone).

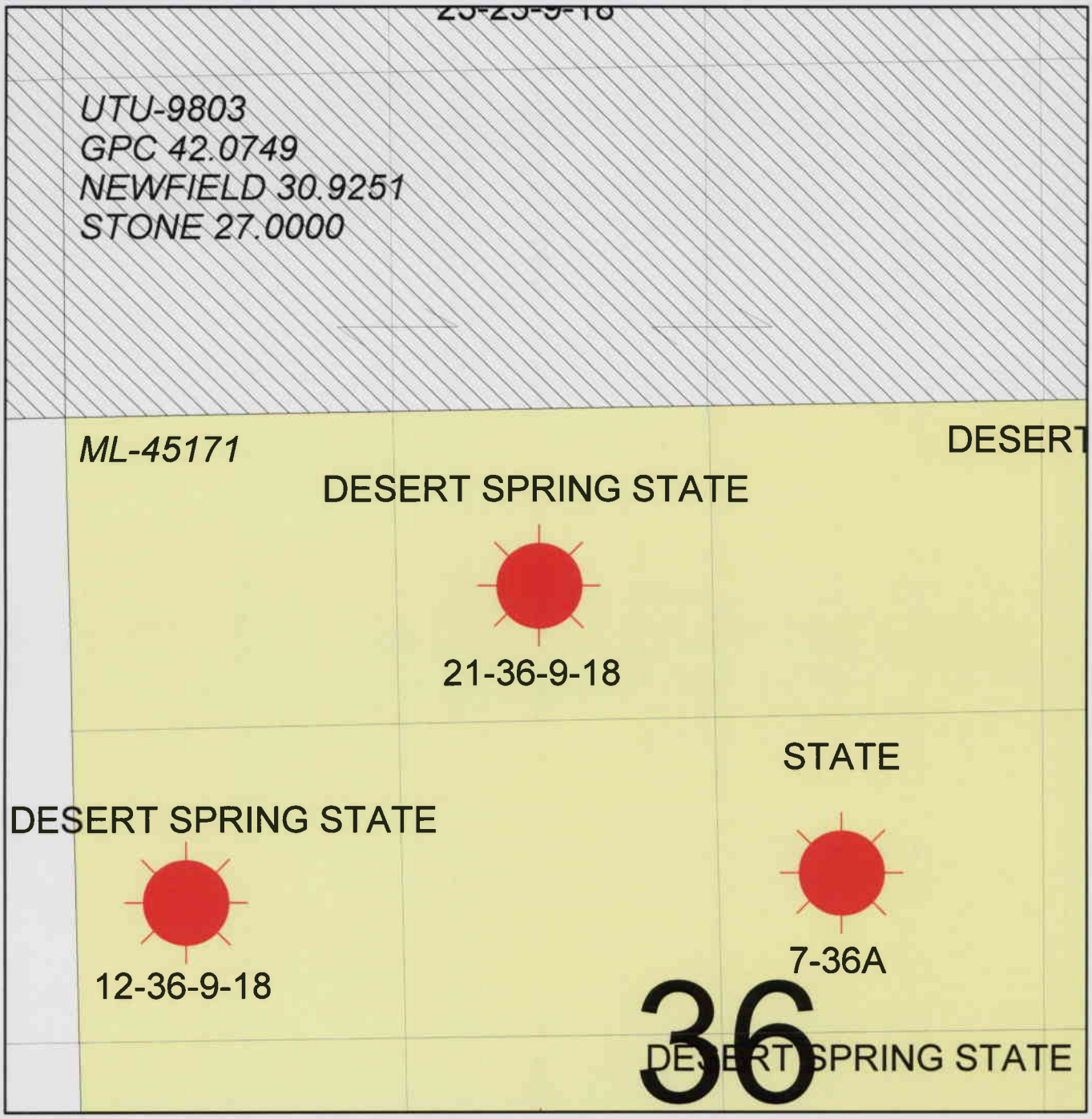
NAME (PLEASE PRINT) Anthony W. Sharp TITLE Senior Engineer
SIGNATURE _____ DATE 7/6/2006

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/27/06
BY: _____

RECEIVED
JUL 10 2006
DIV. OF OIL, GAS & MINING

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




Wells, Mesaverde Producers Gasco Only

Gasco Leases

GASCO Energy Company

**Commingled Plat for**
**Desert Spring State 21-36-9-18**
**Section 36-T9S-R18E,**
**Uinta Basin, Utah**

| Author: | | Date: 5 July, 2006 |
|---|---|---|
| | Scale: <scale> | |

## Tony Sharp

**From:** Mark Choury
**Sent:** Friday, July 07, 2006 8:04 AM
**To:** Tony Sharp
**Subject:** FW: DSS 21-36-9-18 Sundry to Commingle

-----Original Message-----
From: Kelly Donohoue [mailto:kdonohoue@newfield.com]
Sent: Thursday, July 06, 2006 5:06 PM
To: Mark Choury
Subject: RE: DSS 21-36-9-18 Sundry to Commingle

Mark,
We are okay with this. However, Why does the state require this waiver when our only interest is in contiguous lands?
KLD

-----Original Message-----
From: Mark Choury [mailto:mchoury@gascoenergy.com]
Sent: Thursday, July 06, 2006 3:08 PM
To: Kelly Donohoue; Davis, Kent
Subject: FW: DSS 21-36-9-18 Sundry to Commingle

Could you guys let me know by tomorrow on this?

Thanks.

-----Original Message-----
From: Tony Sharp
Sent: Thursday, July 06, 2006 10:59 AM
To: Mark Choury
Subject: DSS 21-36-9-18 Sundry to Commingle

Here's the sundry and exhibit for you to distribute to Stone and Newfield. I will file it as soon as we get back the waiver-of-objection emails.

Thanks.
<<DSS 21-36-9-18 Sundry to Commingle.pdf>>

## Tony Sharp

**From:** Mark Choury
**Sent:** Friday, July 07, 2006 8:04 AM
**To:** Tony Sharp
**Subject:** FW: DSS 21-36-9-18 Sundry to Commingle

-----Original Message-----
From: Davis, Kent [mailto:DavisKS@StoneEnergy.com]
Sent: Thursday, July 06, 2006 4:00 PM
To: Mark Choury
Subject: RE: DSS 21-36-9-18 Sundry to Commingle

Mark - No.

You have our approval today. Do you want a confirmation letter?

Kent S. Davis
Denver Land Manager
Stone Energy Corporation
950 17th Street, #2600
Denver, CO 80202
(303) 685-8033 - Direct
(303) 685-8000 - Main
(303) 296-4075 - Fax
davisks@stoneenergy.com
-----Original Message-----
From: Mark Choury [mailto:mchoury@gascoenergy.com]
Sent: Thursday, July 06, 2006 3:08 PM
To: Kelly Donohoue; Davis, Kent
Subject: FW: DSS 21-36-9-18 Sundry to Commingle

Could you guys let me know by tomorrow on this?

Thanks.

-----Original Message-----
From: Tony Sharp
Sent: Thursday, July 06, 2006 10:59 AM
To: Mark Choury
Subject: DSS 21-36-9-18 Sundry to Commingle

Here's the sundry and exhibit for you to distribute to Stone and Newfield. I will file it as soon as we get back the waiver-of-objection emails.

Thanks.
<<DSS 21-36-9-18 Sundry to Commingle.pdf>>

RECEIVED
JUL 10 2006
DIV. OF OIL, GAS & MINING

RECEIVED
MAR 1 9 2008
OF OIL, GAS & MINING

# Gasco Production Company

Desert Spring State 21-36-9-18
NE NW of Section 36-T9S-R~~17E~~ 18E
Uintah County Utah,
**043-047-36220**

**Completion**

9/20/05 Ran CBL/Gamma Ray/CCL logs. Psi tested csg to 9500 psi, ok

9/21/05 MIRU SLB Wireline (Jason). Perforated **Stage 1 – Spring Canyon f/ 12458 – 68'**, 3 spf w/ 3 1/8" Hivolt guns, 120 deg phased.

9/22/05 MIRU SLB (red crew – Selwyn) to frac. Fd 1915 SICP. Broke down perfs @ 6280 psi @ 5.3 bpm. ISIP 5400 psi. FG .87. Calc 25 holes open / 30. **Gel fraced w/ 175,470# 20-40 Econoprop, using 2298 bbls 25 and 20# gel**. Entire 5 ppg stage with prop net added. Flushed w/ 183.9 bbls. ISIP 5850. FG .91. Opened well up to FB on 10/64" ck @ 11:00 AM, w/ 5200 SICP. Released crew for night, to flow back Spring Canyon zone. (SCE) DC $31,436 (completion) CCC $31,436

9/23/05 SWI @ 2:00 AM w/ 4880 FCP on 10/64" ck. Made 624 bbls in 15 hrs. TR 624. BLWTR 1858. RIH w/ plug and guns to **perforate Stage 2, Aberdeen / Kenilworth.** Set FTFP #1 @ 12373'. Perfed f/ **12241 – 45', 12292 – 95', 12354 – 58', 3 spf**. RU to frac, problems w/ computer on blender. Down for repairs until 10:45 AM. Replaced computer. Test lines, ready to frac. Fd 6110 psi. Loaded hole w/ +- 40 bbls. Pumped into perfs @ 8260 @ 6.3 bpm. SD to repair blender. ISIP 6765. Started up again, and SD again. This time, ISIP 5600. SD again until 1:30 PM. Started off pumping x-linked pad (as per Bilu). **Hybrid fraced Stage 2 w/ 106,332# 20-40 Tempered DC+, using 2831 bbls WF and YF 118 gel**. Had some trouble w/ pumps and pumped job at less than design rate (42 and 48 BPM / 55 design). Flushed w/ 180.6 bbls. ISIP 4880. FG .84. Opened well up to FB @ 2:20 PM on 12/64" ck w/ 4400 SICP. Cleaned up. SI and RIH to perf "perf only" zone f/ 12006 – 16'. Put well back on FB for night. (SCE)

9/24/05 SWI @ 6:00 AM to perf. RIH w/ plug and guns to perf **Stage 3 – Desert / Grassy.** Set Baker 9K FTFP #2 @ 11953'. Perfed f/ **11824 – 28', 11832 – 36', 11874 – 77', 11934 – 38'**, 3 spf. RU to frac. Broke down perfs @ 6280 psi @ 5.3 bpm. ISIP 4490. FG .82. Calc 18 holes open / 45 (low rate). **Gel fraced w/ 115,417# 20-40 Temp DC+, using 1770 bbls YF 125 and 120 gel**. Flushed csg w/ 174.4 bbls. ISIP 4850. FG .85. Opened well to FB @ 10:30 AM, on 12/64" ck, w/ 4400 SICP. Cleaned up very quickly. RIH w/ plug and guns to perf **Stage 4 – Lower Mesaverde**. Set FTFP #3 @ 11511'. Perfed f/ **11239 – 42', 11340 – 43', 11432 – 36', 11492 – 96'**, 3 spf. Fd 4100 SICP. Broke down perfs @ 5244 psi @ 5.3

bpm. ISIP 4550. FG .84. Calc 19 holes open / 42. **Hybrid fraced w/ 125115# 20-40 Tempered DC+, using 2860 bbls WF and YF 118 gel.** Flushed w/ 165.7 bbls. ISIP 4710. FG .85. Opened well up to FB @ 4:30 PM on 12/64" ck w/ 4300 SICP. (SCE)

9/25/05 SWI @ 6:30 AM w/ 3500 FCP on 14/64" ck. Made 1566 bbls in 16 ¾ hrs. TR 3210. BLWTR 6733. RIH w/ plug and guns to perf **Stage 5 – Lower Mesaverde**. Set FTFP #4 @ 10913'. Perfed f/ **10847 – 50', 10855 – 58', 10893 – 98'**, 3 spf . Broke down perfs @ 4840 psi @ 5.3 bpm. ISIP 4480. FG .85. Calc 20 holes open /33. **Gel fraced Stage 5 w/ 86000# 20-40 Tempered DC+ and 40900# 20-40 Econoprop, using 1990 bbls YF 125, 20, and 18 gel.** Flushed csg w/ 126 bbls. Screened out to 9700 psi, 33 bbls short of flushed. ISIP N/A. Opened well up to FB @ 9:35 AM w/ 6300 SICP, on 12/64" ck. Stepped up to 14, then 16/64 to flow back screenout. Cleaned up sand and RIH w/ plug and guns to perf **Stage 6 – Lower Mesaverde.** Set FTFP #5 @ 10789'. Perfed f/ **10678 – 83', 10705 – 08', 10725 – 28', 10771 – 74'**, 3 spf. Broke down perfs @ 6305 psi @ 5.3 bpm. Calc 21 holes open / 42. ISIP 4490. FG .86. **Gel fraced Stage 6 w/ 93000# 20-40 Tempered DC+, and 35303# 20-40 Econoprop, using 2038 bbls YF 125, 120, and 118 gel.** Flushed csg w/ 157.3 bbls. ISIP 4630. FG .87. Opened to FB @ 3;30 PM on 12/64" ck w/ 4000 SICP. (SCE) DC $833,633 CCC $865,069

9/26/05 Well flowing this AM @ 3400 FCP on 16/64" ck. Flowed 1882 bbls in 18 ½ hrs. TR 5092. BLWTR 8879.

9/27/05 Well flowing this AM @ 3650 FCP on 16/64" ck. Flowed 1639 bbls in 24 hrs. TR 6731. BLWTR 7240. Making small amt of sd (Econoprop). Will tie in sand trap @ wellhead for turn on. (SCE)

9/28/05 Put well down sales line at 12:00 Midnight, 9/26/05. Flowing this AM @ 4150 FCP on 12/64" ck. Made 724 bbls water in 24 hrs. TR 7455. BLWTR 6516. Sold 366 MCF in 8 hrs. Well flowing between 800 and 1.3 MMCFD rate w/ water fluctuating rate. Turn well over to pumpers. (SCE)

**Run tbg**

12/7/05 MORU service unit. Rig up pump and tank, set racks and catwalk. Unload Tbg and shut down for day. (Rick w/ Premier/ CR) DC $ 5599 CCC $ 940,270

12/8/05 Well flowing this AM @ 1400 psi. Finish unloading Tbg. Pump 60 BBLS and NDWH and NU BOP. Pick up 3 ¾ bit, PO bit sub, 1 JT, XN nipple,

and start in hole tallying picking up. Pick up 326 Jts and shut down for night leaving well flowing down sales. (Rick w/ Premier / CR) DC $ 6381
CCC $ 946,651

12/9/05 Well flowing this AM @ 1000 psi. Open up well and finish RIH w/ Tbg. Tag PBTD @ 12625'. Lay down 60 Jts and land well @ **10613'** w/ 328 Jts, XN nipple, 1 Jt. Broach well and pump off bit. Load out pump and tank RDMO. DC $ 5283 CCC $951,934

12/15/05 updated late cost 3829. CCC $957,217

**Completion – Mobe 2 – Dark Canyon, Upper Mesaverde, Wasatch**

7/6/06 MORU service unit, spot in tbg float and pump and tank. Lay pump lines and SDFD. (CR) DC $2000 CCC $ 959,217

7/7/06 Top killed well. NU BOPE. POOH w/ tbg. RIH w/ bit and scraper to 9300'. POOH and stand back tbg. ND BOPE. NU frac tree and test. Well ready to frac. DC __ CCC __

7/12/06 MIRU Superior and BWWC. RIH w/ plug and guns to **perf Stage 7, Dark Canyon – Upper Mesaverde.** Set Magnum 10K CBP #1 @ 9290'. Loaded csg and psi tested csg and plug to 8000 psi, ok. **Perforated f/ 9266 – 70', 9192 – 95'**, and third gun misfired. POOH. RIH and shot **9080 – 83'**, 3 spf w/ 3 3/8" scalloped gun. RU Superior onto wellhead (had to re-flange). Broke down perfs @ 5250 psi @ 9.6 bpm. Calc 12 holes open / 30. **Gel fraced w/ 129,700# 20-40 white sand, and 50,000# 20-40 PR 6000 sand, using 2374 bbls 20#, 18# and 17# XL 300B gel.** ISIP 3869. FG .86. Flush sand concentration fell very slowly (2.5 ppg to .3 ppg took 22 bbls). RIH w/ plug and guns to shoot **Stage 8 – Wasatch.** Set Magnum FTFP #2 @ 8445'. Perforated f/ **8426 – 30'.** RU to frac, and wouldn't break down. RIH w/ guns to re-shoot, and tagged sand fill @ 8408' and got stuck. Perfs covered, due to sand in flush. Turned well on to FB and freed up gun. POOH. Opened @ 8:40 PM on 12/64" ck, w/ 3250 SICP. SWI @ 7:15 AM 7/11/06 w/ 1250 FCP on 16/64" ck. TR 1011. BLWTR 2441.

7/13/06 RIH w/ plug and gun to re-shoot Stage 2. Stacked out in sand @ 8431' (1' of rat hole). No room to set new plug. POOH and LD plug. RIH w/ gun and **re-shoot 8426–30'.** RU Superior to frac. Broke down perfs @ 4436 psi @ 4.7 bpm. Calc 15 holes open / 12-24 (w/ re-shoot). ISIP 3200. FG .82. **Hybrid fraced w/ 60,000# 20-40 white sand, and 10,000# 20-40 PR 6000, using1982 bbls 20# and 18# XL 300 b gel.** Flushed w/ 123.7 bbls. Switched blender over to clean x-over to flush. Flush still cleaned up very slowly (took 20 bbls for sand concentration to drop from 2.5 ppg

to .3 ppg, another 10 bbls to drop to .15 ppg). Opened well up to FB @ 1:10 PM, on 12/64" ck w/ 3150 SICP. Started getting light to med sand back @ 25 bbls recovered. Cleaned up sand and SI to perforate. RIH w/ plug and guns to perforate **Stage 9 – Wasatch**. Set Magnum 8K FTFP #3 @ 7705'. Did not psi test plug, due to inability to pump without putting sand down wellbore. Fd 2700 SICP. Pumped up to 2900. **Perforated f/ 7686 – 7690'.** Well psi dropped to 1300 psi after shot, while pumping 1.5 bpm. POOH w/ Wireline. Pumped 30 bbls while perforating. Pumped into perfs (no break down) @ 2600 psi @ 5.2 bpm. ISIP 2470. FG .76. **Hybrid fraced w/ 73,000# 20-40 white sand, and 20,000# 20-40 PR 6000, using 2415 bbls 18#, 17#, and 16# XL 300b gel**. Flushed w/ 112.6 bbls. ISIP 2412. FG . 76. Opened well up to FB @ 8:20 PM, on 12/64" ck, w/ 2350 SICP. SWI @ 7:00 AM to set kill plug w/ 1050 FCP. Made 1135 bbls in 14 hrs. TR 2146. BLWTR 5703. Heavy sand started coming back w/ only 70 bbls recovered. (SCE) DC 135,184 CCC $1,092,401

7/14/06 RIH w/ Magnum 8K CBP (kill plug). Set @ 7000'. RDMO BWWC. Blew well down. ND frac tree. NU BOPE. RIH w/ 3 ¾" Magnum mill + POBS w/ float + X nipple + 2 3/8" tbg. Tagged plug @ 7550'. RU Maverick N2 combo unit. Drill out kill plug (7 min). RIH and drilled out plug #3 @ 7690' (10 min). RIH and drilled out plug #2 @ 8430' (12 min). RIH and tagged sand @ 9260'. Circ 30' sand to plug #1 @ 9290'. Started to drill out and power swivel broke down. SDFN (repaired swivel). Turned well over to FB crew. Well flowing this AM (7:00 AM 7/14) 1000 FCP on 16/64" ck. Made 225 bbls in 9 hrs. TR 2371. BLWTR 5428. (Rick w/ Premier-SCE) DC $36,166 (caught up WO rig days) CCC $1,128,567

7/15/06 Continued to drill up plug #1. Tubing stuck. Worked string. Finally able to work tubing down hole and free up. RIH w/ 60 jts (348 joints total) and tagged scale build up @ 11207'. Drilled down to 12,230'. SDFN. Scale drilling very slow. Very hard scale. Turned well over to FB crew for night. Well this AM (7/15/06) @ 1050 FCP, down line, selling gas. Made 253 bbls in 11 hrs. TR 2625. BLWTR 5225. (Rick w/ Premier, SCE) DC $ 20,654 CCC $1,149,221

7/17/05 Well flowing this AM @ 1050 psi. Open well up and break circ, start drilling scale. Drilling @ 1 FPH, drill down to 12,239' and roll hole clean. POOH w/ 2 jts and turn well over to flowback for clean up. SDFD. (Rick w/ Premier / CR) DC $ 20,661 CCC $ 1,169,882

7/18/06 Well flowing this AM @ 950 psi. Open well up and break circ, RIH w/ 2 jts and retag @ 12,234'. Wash down to 12,239' and start drilling. Drill down to 12,241 and fall thru **(Scale was from 11,207 – 12,241')**. RIH w/ 40 jts and tag **PBTD @ 12,622'** w/ 393 jts. POOH w. 8 jts and **land tbg**

**@ 12,363'** w/ 385 jts. ND BOP and NUWH, drop ball and broach tbg. Pump bit off and 3700 psi. RDMO service unit. (Rick w/ Premier) DC $14,947 CCC $1,184,829

8/11/06 Update late costs: DC 52,056

8/24/06 Update late costs: DC 24,832 CCC $ 1,261,717
8/30/06 Update costs: DC 11608 CCC $ 1,273,325
8/31/06 Updated late cost: 36,832 CCC $ 1,310,157
1/30/07 Updated late cost 5161 CCC $ 1,315,318

4/2/07 MIRU R&B slickline unit. Run wireline, Fd SN @ 12,364, tag fill @ 12,624 (@ PBTD). Pulled bumper spring, no scale found. $523.76 CCC $1,315,842

**Pull tbg for CVR installation**

3-12-08 M.I.S.U. Could not find dead-man in north-east corner. Will have one installed tomorrow morning. DC7570 CVR CC 7570

3-13-08 300 ftp 100 cp. R.U.S.U. (had new deadman installed) Pump 30 bbls. down tbg. N.D. W.H. N.U. BOP'S. P.O.O.H. W/ 168 jts. tbg. Well kicked. Pump 30 bbls. down tbg. P.O.O.H. W/ 144 Jts. tbg. Well kicked. Pump 10 bbls. down tbg. & 75 bbls. down csg. P.O.O.H. W/ 73 jts. tbg., x-nipple, Pumped-off bit sub. Pump 25 bbls. down csg. R.I.H. W/ 3 ¾ chomper bit, bit sub, 192 jts. tbg. Leave csg. to sales & S.D.F.N. (Rick) DC 8210 CVR CC $15,780

3-14-08 200 sitp 200 fcp. Pump 20 bbls. down tbg. R.I.H. w/ 28 jts. tbg. (found bent jt. replaced ) R.I.H. W/ 174 jts. tbg. Tagged P.B.T.D. @ 12,620' w/ 394 jts. total. P.O.O.H. W/ 10 jts. rental (328.52 ) & 148 jts. from well.( 4753.65') Stood back 192 jts. Well kicked. Pump 5 down tbg. & 20 down csg. P.O.O.H. w/ 44 jts. tbg., bit sub, 3 ¾ bit. Leave csg. to sales & S.D.F.N. (Rick) DC 6950 CVR CC 22730

3-17-08 150 sitp 200 fcp. Pump 50 bbls. down csg. R.I.H. W/ 147 jts. ST-L 2 7/8 tbg., x-over, safety-off tool. R.U. Weatherford. R.I.H. w/ 4777' of cap string inside 2 7/8 tbg. (VALVE SET @ 3500#'S) R.I.H. W/ Injection Mandrel, X-H perf sub, 1-4' 2 3/8 sub., 116 jts. tbg. (banding cap string to tbg.) Leave csg. to sales & S.D.F.N. (Rick) DC 7330 CVR CC $30,060

3-18-08 200 fcp Pump 20 bbls. down tbg. R.I.H. W/ 105 jts. tbg. Well kicked. Pump 30 bbls down tbg. R.I.H. W/ 87 jts. tbg. Tally & P.U. (off float) & R.I.H. W/ 64 jts. tbg. Tagged scale @ 11,265' w/ 349 jts. tbg. R.U. power swivel. Pump 20 bbls. down tbg. cut to 1 bpm. Drill down 10' (in 20-30 min) fell thru. @ 11,275. R.D. power swivel. Cont. R.I.H. W/ 39 jts. tbg. Tagged P.B.T.D. @ 12,500' w/ 388 jts. tbg. P.O.O.H. W/ 108 jts. Tbg. (laying down) & stood back w/ 280 jts. tbg.,

bit sub, 3 ¾ mill. Leave csg. to sales & S.D.F.N. (Rick) DC 7800 CVR CC 37,860

3-19-~~07~~ 06 150 sitp 200 fcp Pump 10 bbls. down tbg. & 50 bbls. down csg. R.I.H. W/ 120 jts. tbg. Pump 5 gal. methanol down cap string, followed w/ 20 gal. chemical. Pumped just fine. Land tbg. @ 12,461'(E.O.Dead string w/ 147 jts. ST-L 2 7/8 tbg. w/ 236 jts. 2 3/8 tbg. E.O. 2 3/8 @ 7641' E.O. X-OVER @ 7656'. N.D. BOP'S. N.U. W.H. R.U. broach & broach tbg. (ok) R.U. Swab. Made 4 runs. Recovered 24 bbls. Well not flowing. Leave tbg. to sales & S.D.F.N. (Rick) DC 38,135 CVR CC 75,995

API Well No: 43047362200000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-45171

## SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Gas Well

8. WELL NAME and NUMBER: DESERT SPRING ST 21-36-9-18

2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY

9. API NUMBER: 43047362200000

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

PHONE NUMBER: 303 483-0044 Ext

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0729 FNL 1920 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 18.0E 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: 1/7/2011 | ☐ 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.

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

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

**Date:** 01/04/2011

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Roger Knight | 303 996-1803 | EHS Supervisor |
| **SIGNATURE** | | **DATE** |
| N/A | | 12/30/2010 |

RECEIVED December 30, 2010

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 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 |