

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5 MINERAL LEASE NO ML-47056	6 SURFACE State
1A TYPE OF WORK DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7 IF INDIAN ALLOTTEE OR TRIBE NAME N/A	
8 TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8 UNIT or CA AGREEMENT NAME Wilkin Ridge	
2 NAME OF OPERATOR Gasco Production Company		9 WELL NAME and NUMBER Wilkin Ridge State #32-32-10-17	
3 ADDRESS OF OPERATOR 8 Inverness Drive East, Suite 100, Englewood, CO 80112		PHONE NUMBER 303/483-0044	13 FIELD AND POOL OR WILDCAT Wilkin Ridge
4 LOCATION OF WELL (FOOTAGES) AT SURFACE AT PROPOSED PRODUCING ZONE		11 QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN Section 32, T10S - R17E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 25.6 miles south of Myton, UT		12 COUNTY Duchesne	15 STATE UT
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1965'	16 NUMBER OF ACRES IN LEASE 640	17 NUMBER OF ACRES ASSIGNED TO THIS WELL 40 Acres: SW NE	
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1500'	19 PROPOSED DEPTH 12,985'	20 BOND DESCRIPTION Statewide Bond No. 4127763	
21 ELEVATIONS (SHOW WHETHER OF RT, GR, ETC.) 6299' GL	22 APPROXIMATE DATE WORK WILL START ASAP	23 ESTIMATED DURATION 35 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#	200'	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
12-1/4"	8-5/8", J-55, 32#	3,595'	605 sx Hi-Lift @ 11.0 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#	12,985'	523 sx Hi-Lift @ 11.5 ppg, 3.05 yield & 1328 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

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

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

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

SIGNATURE *Venessa Langmacher* DATE **November 20, 2006**

(This space for State use only)

API NUMBER ASSIGNED 4303-33544

APPROVAL



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

November 20, 2006

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**
Wilkin Ridge State #32-32-10-17
1965' FNL and 1997' FEL
SW NE Section 32, T10S - R17E
Duchesne County, Utah

Dear 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.

Please note, the archeological and paleontological reports will be sent to you directly by Grand River Institute and Alden Hamblin.

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

Sincerely,

PERMITCO INC.

Venessa Langmacher
Consultant for
Gasco Production Company

Enc.

cc: Gasco Production Company - Englewood, CO
Shawn Elworthy - Roosevelt, UT
Shon McKinnon - Altamont, UT
Utah Division of Oil, Gas & Mining - Roosevelt, UT

RECEIVED
NOV 22 2006

DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO.: ML-47056	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Wilkin Ridge	
2. NAME OF OPERATOR: Gasco Production Company		9. WELL NAME and NUMBER: Wilkin Ridge State #32-32-10-17	
3. ADDRESS OF OPERATOR: 8 Inverness Drive East, Suite 100, Englewood, CO 80112		10. FIELD AND POOL, OR WILDCAT: Wilkin Ridge Undesignated	
PHONE NUMBER: 303/483-0044		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 32, T10S - R17E	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 583157X 1965' FNL and 1997' FEL AT PROPOSED PRODUCING ZONE: SW NE 4417153Y -110.027222			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 25.6 miles south of Myton, UT		12. COUNTY: Uintah	13. STATE: UT
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1965'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 Acres: SW NE	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1500'	19. PROPOSED DEPTH: 12,985'	20. BOND DESCRIPTION: Statewide Bond No. 4127763	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6299' GL	22. APPROXIMATE DATE WORK WILL START: ASAP	23. ESTIMATED DURATION: 35 Days	

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#	200'	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
12-1/4"	8-5/8", J-55, 32#	3,595'	605 sx Hi-Lift @ 11.0 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#	12,985'	523 sx Hi-Lift @ 11.5 ppg, 3.05 yield & 1328 sx 50/50 Poz @ 14.1 ppg, 1.28 yield

ATTACHMENTS

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

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

AGENT: **PermitCo Inc.** AGENT'S PHONE NO.: **303/857-9999**
 NAME (PLEASE PRINT) Venessa Langmacher TITLE Agent for Gasco Production Company
 SIGNATURE Venessa Langmacher DATE November 20, 2006

(This space for State use only)

API NUMBER ASSIGNED: 43047-38882

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
NOV 22 2006

(11/2001)

Date: 11/18/06
By: [Signature]

DIV. OF OIL, GAS & MINING

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:

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Wasatch	5,045'	+1,310'
Mesaverde	9,175'	-2,820'
Castlegate	11,735'	-5,380'
Blackhawk	12,005'	-5,950'
Aberdeen	12,685'	-6,330'
T.D.	12,985'	-6,630'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,400'-9,175'
Gas	Mesaverde	9,175'-11,735'
Gas	Blackhawk	12,005'-12,845'

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.

4. Casing Program

The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Surface	0-200'	17-1/2"	13-3/8"	48#	H-40	-----	New
Intermediate	0-3,595'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-12,985'	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

<i>Conductor</i>	<i>Type and Amount</i>
TOC @ Surface	200 sx Premium Type 5 mixed at 15.6 ppg, yield 1.18
<i>Surface</i>	<i>Type and Amount</i>
TOC @ Surface	Lead: 605 sx Hi-Lift @ 11 ppg, yield 3.91 Tail: 185 sx 10-2 RFC @ 14.2 ppg, yield 1.63
<i>Production</i>	<i>Type and Amount</i>
TOC @ 2,500'	Lead: 523 sx Hi-Lift @ 11.5 ppg, yield 3.05 Tail: 1328 sx 50-50 Poz #14.1 ppg, yield 1.28



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 - 200'	Fresh Water	8.33	1	N/C	7
200' - 3,595'	Fresh Water	8.33	1	N/C	7-8
3,595' - TD	Fresh Water & DAP	9.0-11.5	30-40	12-20	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 Schlumberger Platform Express or equivalent from Base of Surface Casing to T.D.
- c. No cores are anticipated.

8. Anticipated Pressures and H₂S

- a. No H₂S is expected.
- b. The maximum anticipated bottom hole pressure is 7272 psi. The maximum anticipated bottom hole temperature is 221 degrees Fahrenheit.

9. Water Source

- a. All water used for the drilling of this well will be purchased the Nebeker Water Station in Myton, UT. Permit No. 43-1721.



10. **Other Information**

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

State of Utah



Wilkin Ridge State #32-32-10-17
1965' FNL and 1997' FEL
SW NE Section 32, T10S - R17E
Duchesne County, Utah

Prepared For:

Gasco Production Company

By:

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

Copies Sent To:

- 2 - Utah Division of Oil, Gas & Mining - SLC, UT
- 1 - Utah Division of Oil, Gas & Mining - Roosevelt, UT
- 2 - Gasco Production Company - Englewood, CO
- 1 - Gasco Production Company - Roosevelt, UT
- 1 - Shon McKinnon - Altamont, UT



GASCO PRODUCTION COMPANY
WILKIN RIDGE STATE #32-32-10-17
 LOCATED IN DUCHESNE COUNTY, UTAH
 SECTION 32, T10S, R17E, S.L.B.&M.

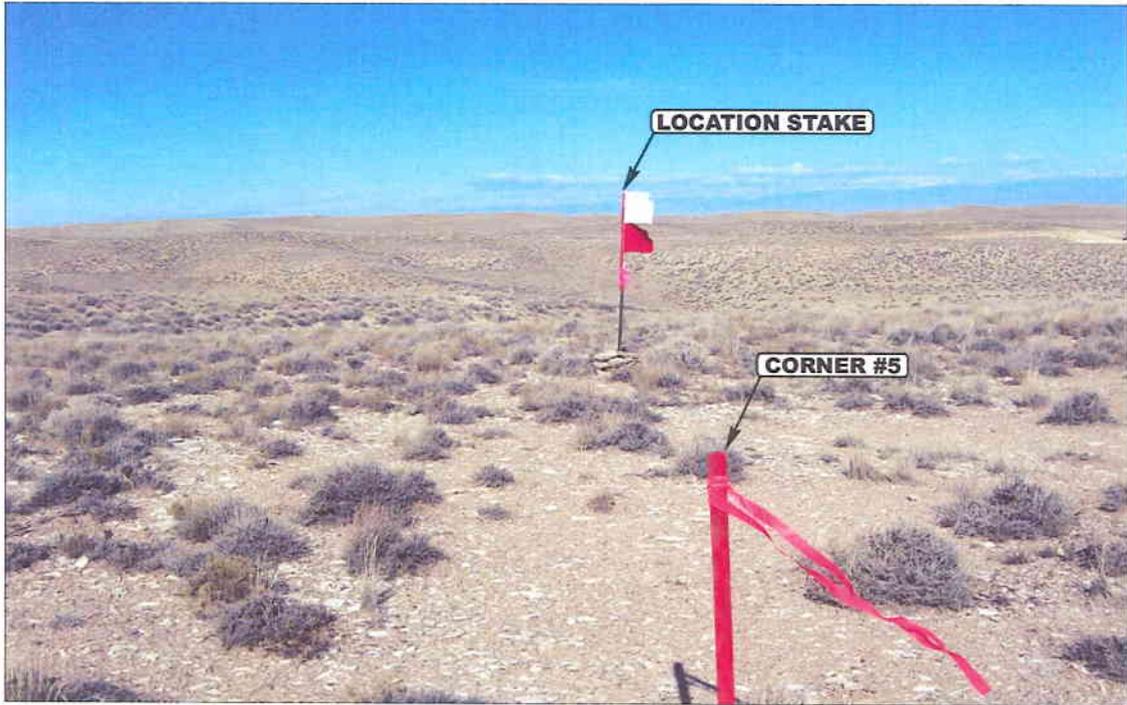


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY

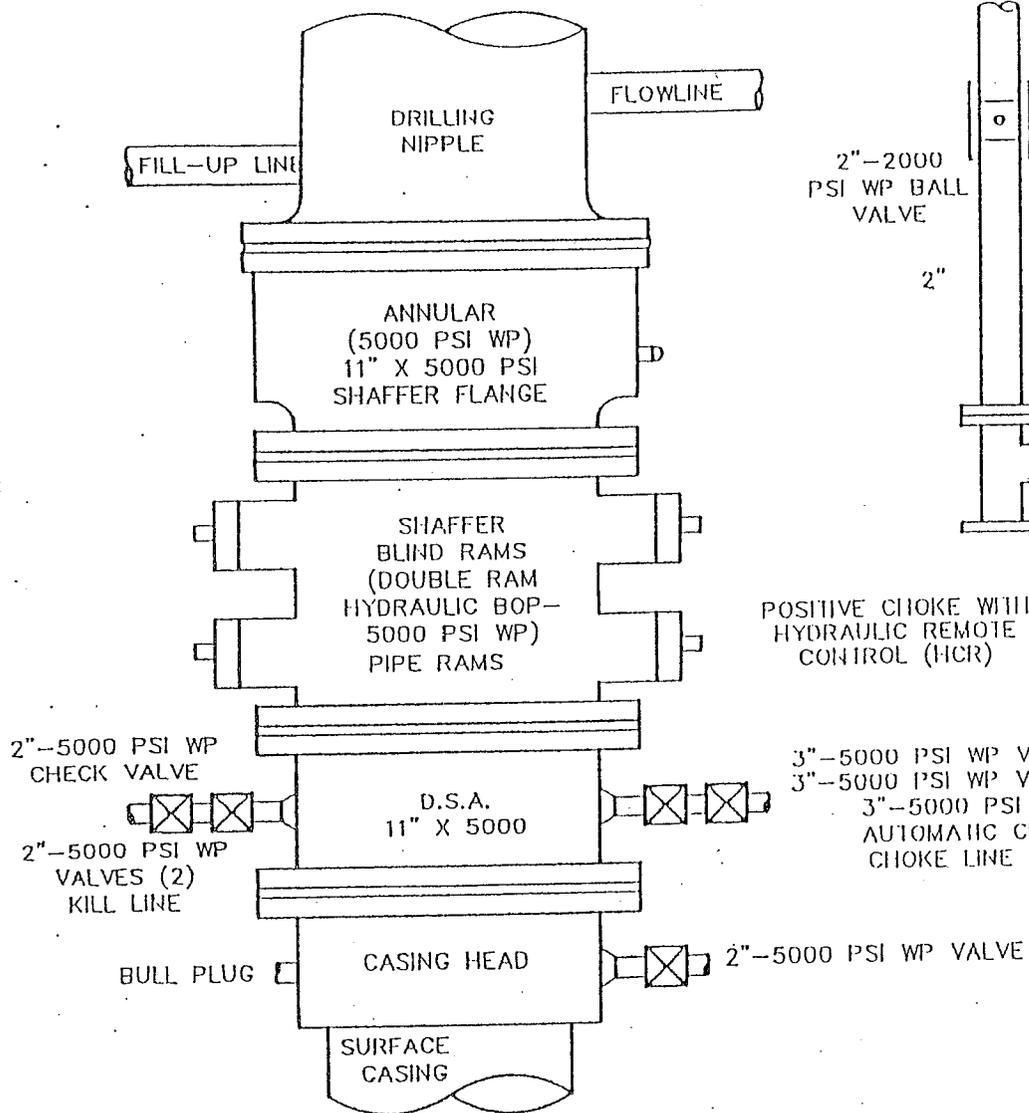


- Since 1964 -

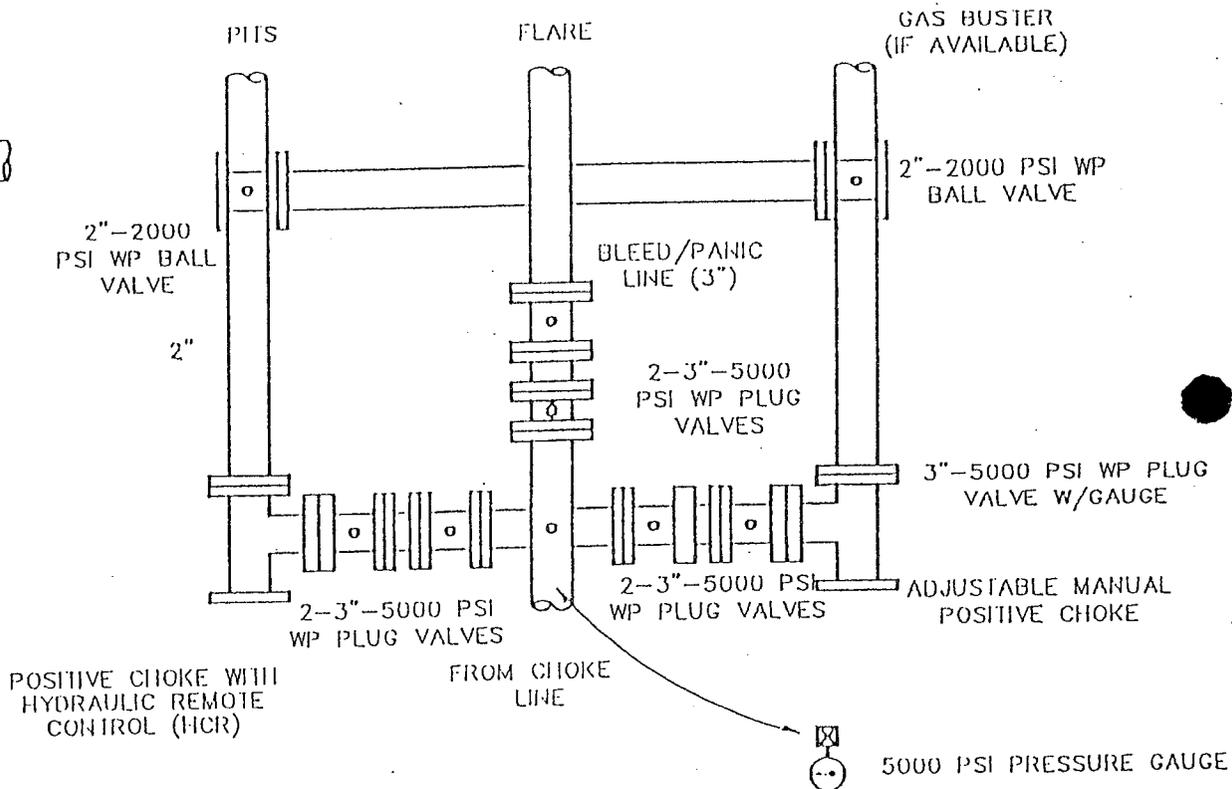
UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS			11	08	06	PHOTO
	MONTH	DAY	YEAR			
TAKEN BY: J.W.	DRAWN BY: L.K.		REVISED: 00-00-00			

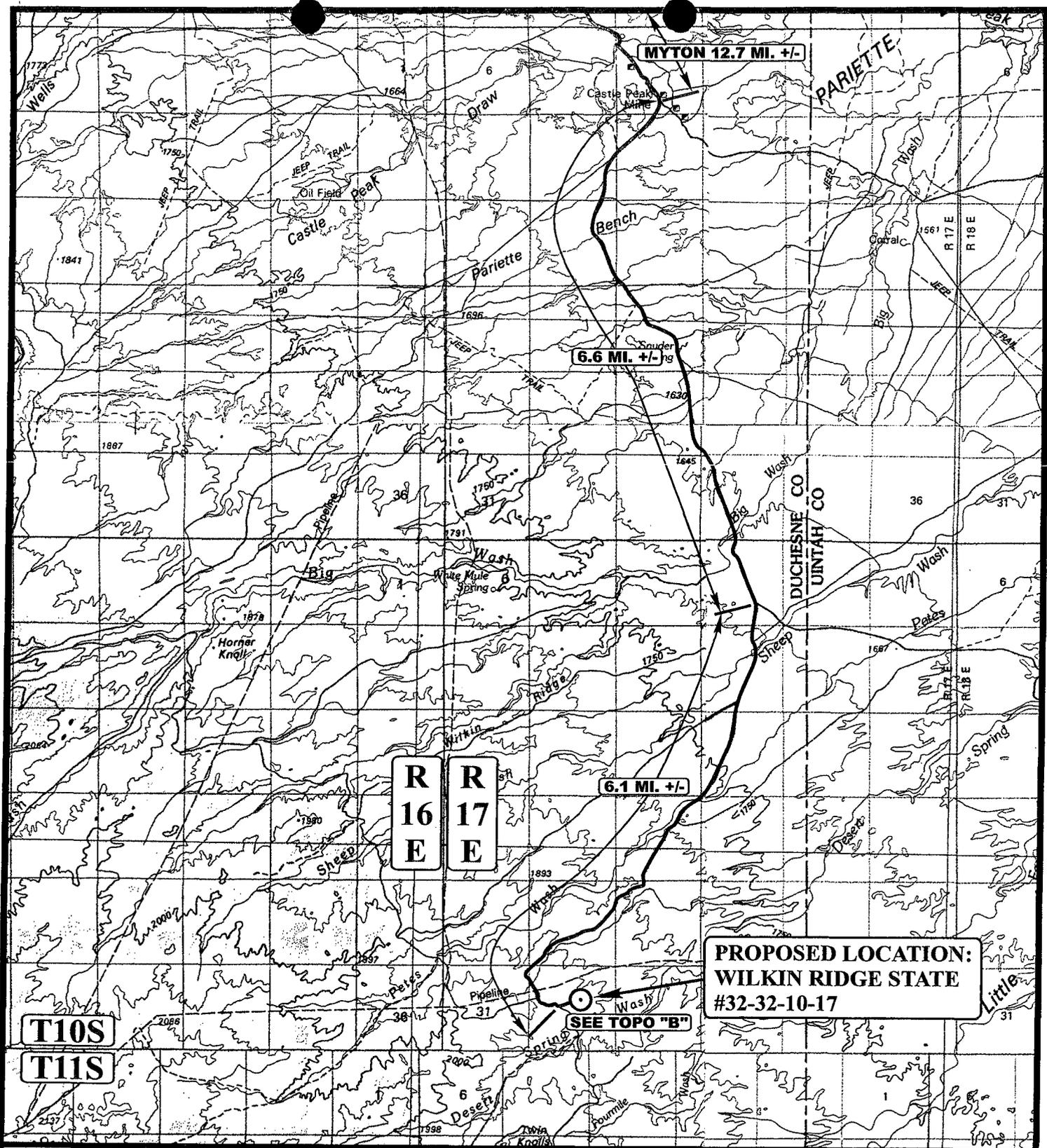
BOP SCHEMATIC
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKING 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.



**PROPOSED LOCATION:
WILKIN RIDGE STATE
#32-32-10-17**

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION



GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #32-32-10-17
SECTION 32, T10S, R17E, S.L.B.&M.
1965' FNL 1997' FEL**



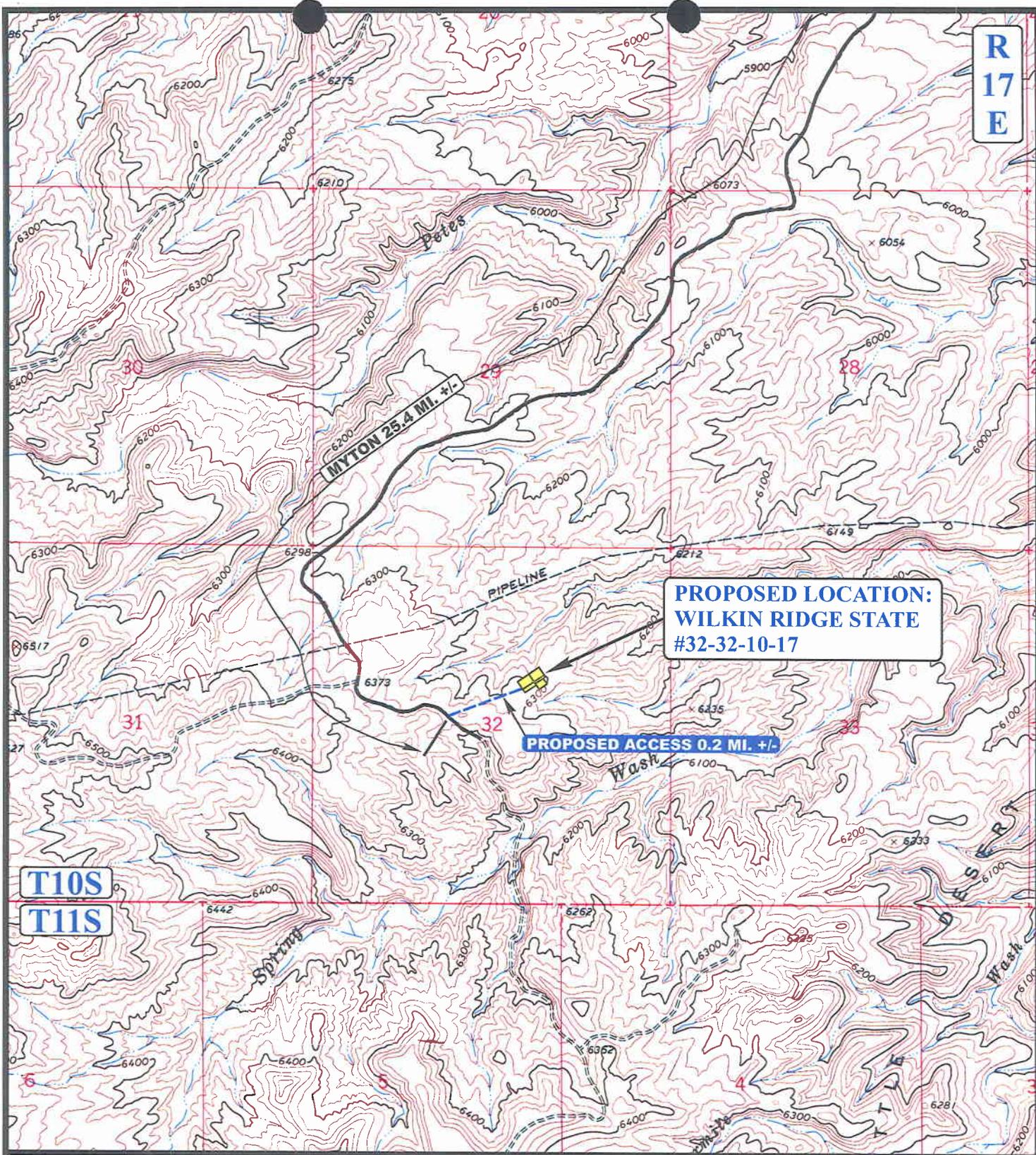
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

11 08 05
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00





R
17
E

**PROPOSED LOCATION:
WILKIN RIDGE STATE
#32-32-10-17**

PROPOSED ACCESS 0.2 MI. +/-

T10S
T11S

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING OVERHEAD POWERLINE



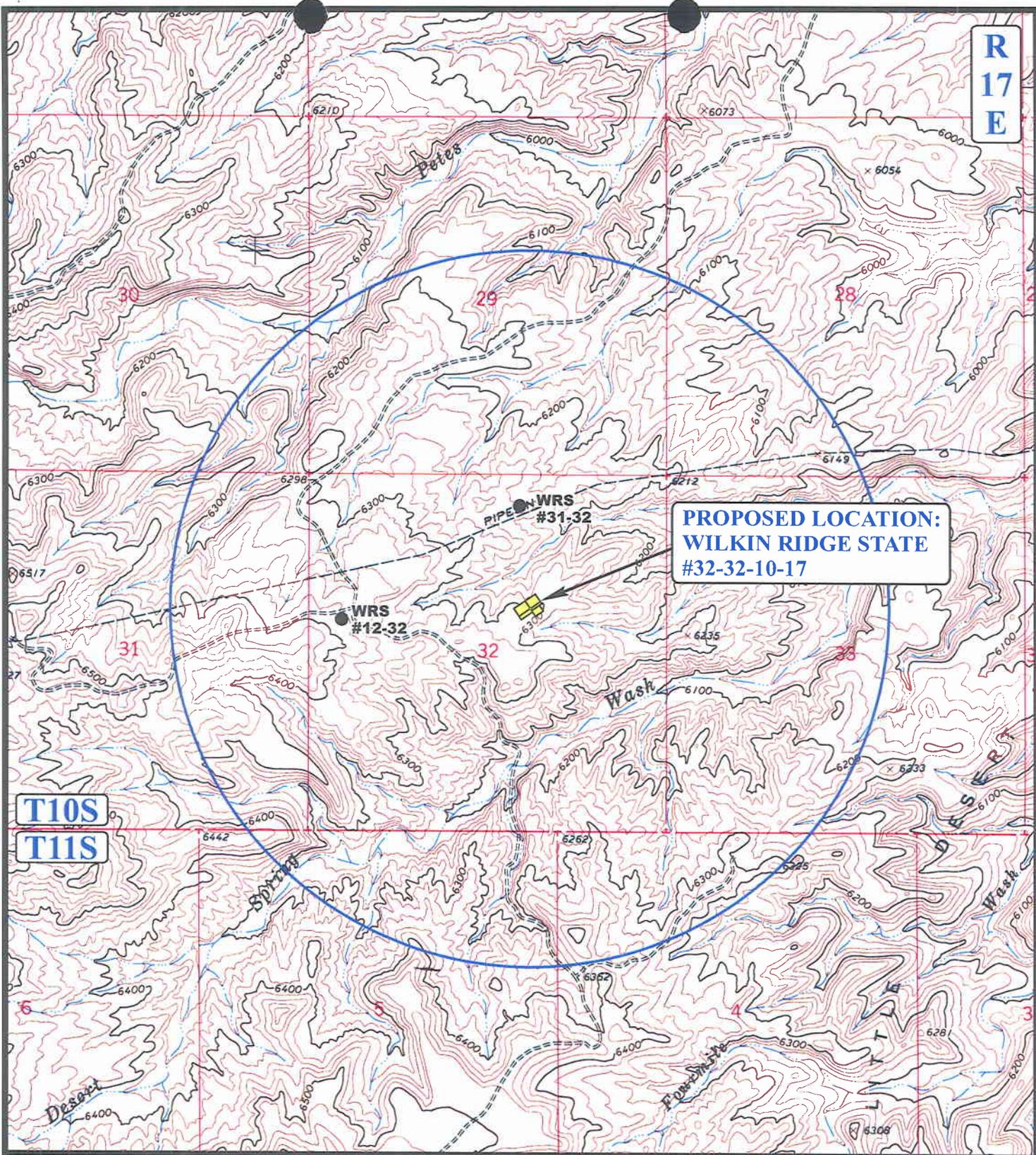
GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #32-32-10-17
SECTION 32, T10S, R17E, S.L.B.&M.
1965' FNL 1997' FEL**

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

TOPOGRAPHIC 11 08 06
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

B
TOPO



LEGEND:

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



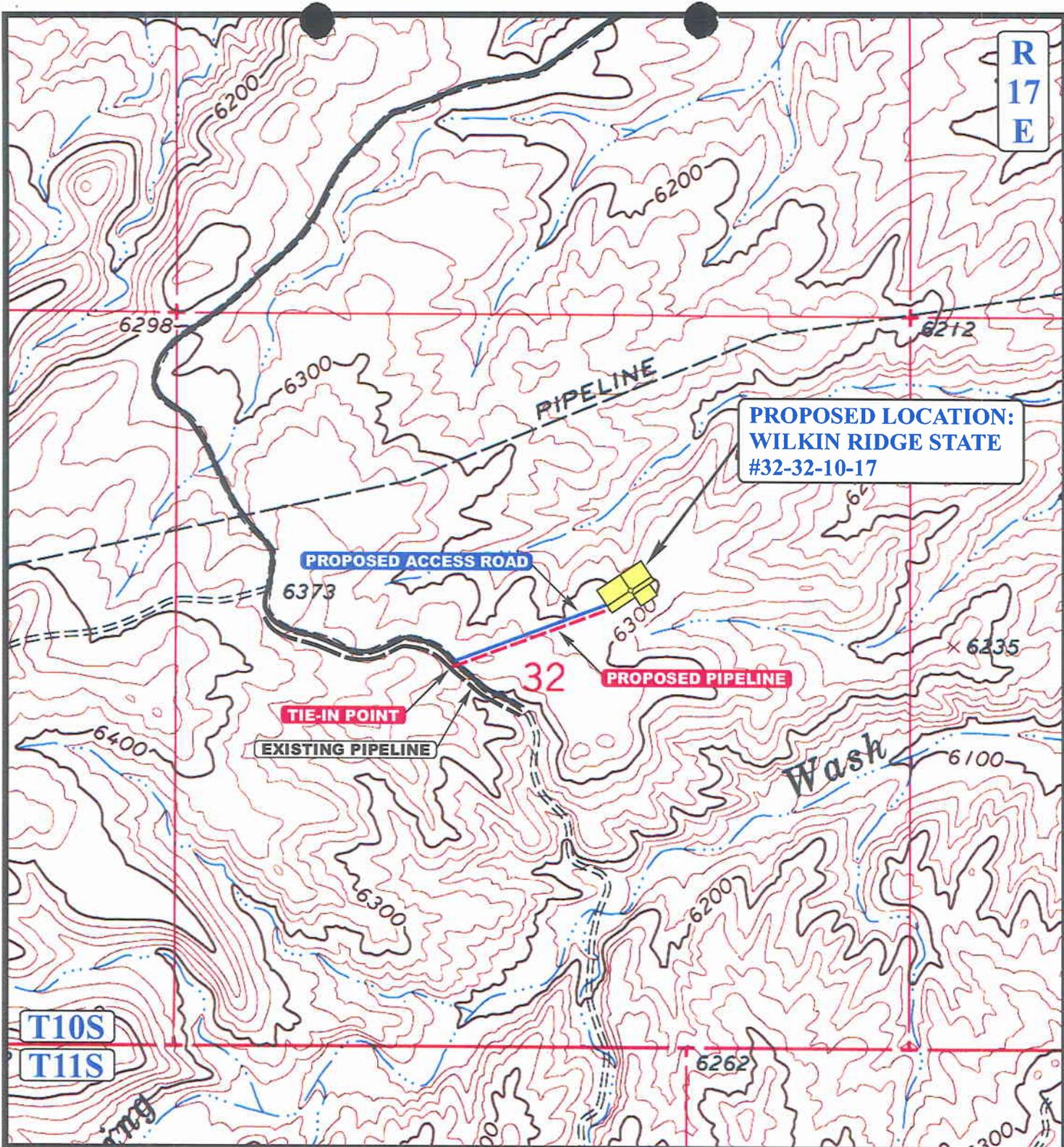
GASCO PRODUCTION COMPANY

WILKIN RIDGE STATE #32-32-10-17
SECTION 32, T10S, R17E, S.L.B.&M.
1965' FNL 1997' FEL

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

TOPOGRAPHIC MAP **11 08 06**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





**PROPOSED LOCATION:
WILKIN RIDGE STATE
#32-32-10-17**

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

TIE-IN POINT

EXISTING PIPELINE

32

APPROXIMATE TOTAL PIPELINE DISTANCE = 1,200' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)



GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #32-32-10-17
SECTION 32, T10S, R17E, S.L.B.&M.
1965' FNL 1997' FEL**



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

TOPOGRAPHIC MAP **11 08 06**
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00



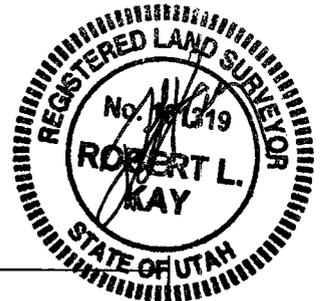
GASCO PRODUCTION COMPANY

TYPICAL CROSS SECTIONS FOR

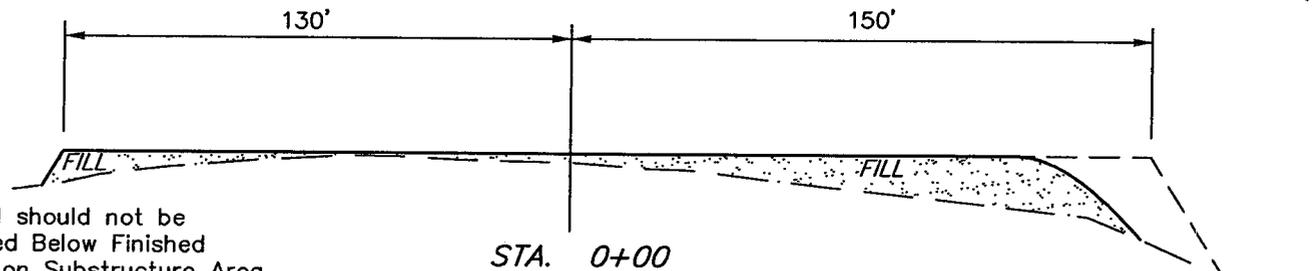
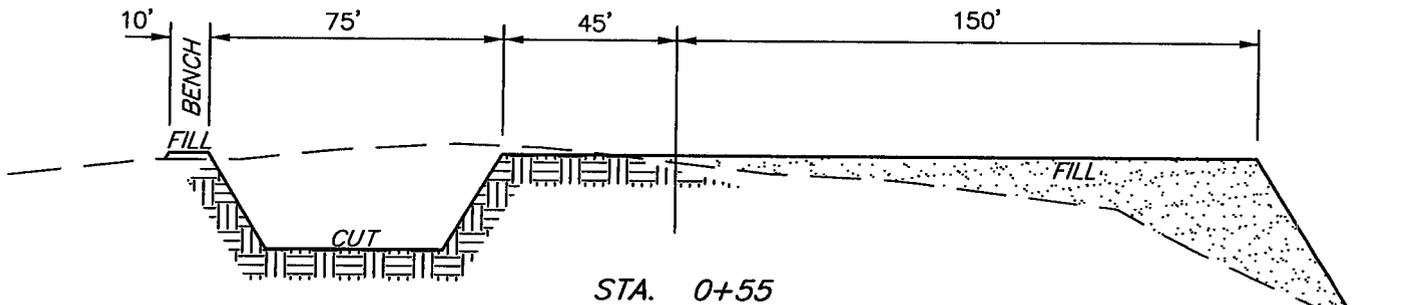
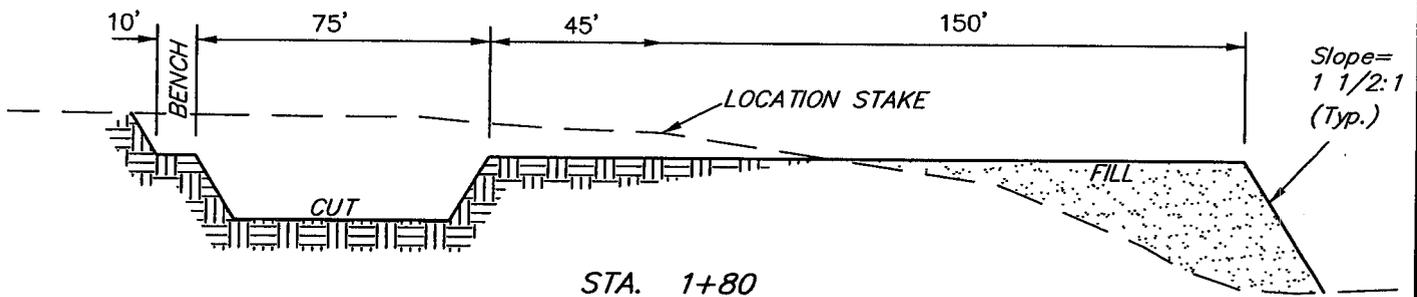
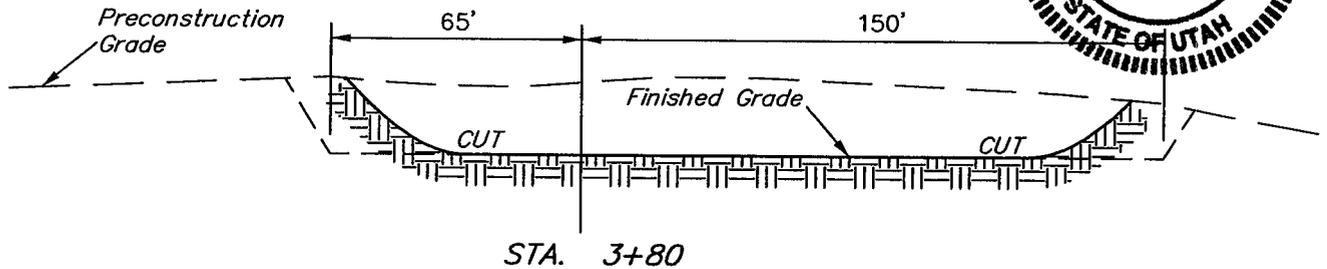
WILKIN RIDGE STATE #32-32-10-17

SECTION 32, T10S, R17E, S.L.B.&M.

1965' FNL 1997' FEL



1" = 20'
X-Section Scale
1" = 50'
DATE: 11-13-06
Drawn By: S.L.



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

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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,080 Cu. Yds.
Remaining Location	= 9,960 Cu. Yds.
TOTAL CUT	= 12,040 CU.YDS.
FILL	= 8,100 CU.YDS.

EXCESS MATERIAL	= 3,940 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,940 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/22/2006

API NO. ASSIGNED: 43-013-33544

WELL NAME: WILKIN RIDGE ST 32-32-10-17
 OPERATOR: GASCO PRODUCTION (N2575)
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

SWNE 32 100S 170E
 SURFACE: 1965 FNL 1997 FEL
 BOTTOM: 1965 FNL 1997 FEL
 COUNTY: DUCHESNE
 LATITUDE: 39.90227 LONGITUDE: -110.0272
 UTM SURF EASTINGS: 583157 NORTHINGS: 4417153
 FIELD NAME: UNDESIGNATED (2)

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

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47056
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: BLKHK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED

- Plat Y Mark
- Bond: Fed[] Ind (No. 04127763) These two need an Augmented Approval
- Potash (Y/N) Letter The old ones had the wrong
- Oil Shale 190-5 County Name listed. Thanks, Dave between Wells
- Water Permit (No. 43-1721)
- RDCC Review (Y/N) (Date: _____)
- Fee Surf Agreement
- Intent to Comm

COMMENTS: New Profile (12-14-06)

STIPULATIONS: 1- Spacing Strip
2- Statement of Basis

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/22/2006

API NO. ASSIGNED: 43-013-33544

WELL NAME: WILKIN RIDGE ST 32-32-10-17
 OPERATOR: GASCO PRODUCTION (N2575)
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

SWNE 32 100S 170E
 SURFACE: 1965 FNL 1997 FEL
 BOTTOM: 1965 FNL 1997 FEL
 COUNTY: DUCHESNE
 LATITUDE: 39.90227 LONGITUDE: -110.0272
 UTM SURF EASTINGS: 583157 NORTHINGS: 4417153
 FIELD NAME: UNDESIGNATED (2)

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

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47056
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: BLKHK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 04127763)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-1721)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (12-14-06)

STIPULATIONS:

- 1- Spacing Strip
- 2- Statement of Basis

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/22/2006

API NO. ASSIGNED: 43-047-38882

WELL NAME: WILKIN RIDGE ST 32-32-10-17
 OPERATOR: GASCO PRODUCTION (N2575)
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-587-9999

PROPOSED LOCATION:

SWNE 32 100S 170E
 SURFACE: 1965 FNL 1997 FEL
 BOTTOM: 1965 FNL 1997 FEL
 COUNTY: UINTAH
 LATITUDE: 39.90227 LONGITUDE: -110.0272
 UTM SURF EASTINGS: 583157 NORTHINGS: 4417153
 FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	Dud	1/8/07
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47056
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: BLKHK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 04127763)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-1721)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (12-14-06)

STIPULATIONS: 1- Spacing Strip
2- STATEMENT OF BASIS

EIGHT MILE FLAT FIELD

T10S R17E

WILKIN RIDGE
FED 41-31-10-17

WILKIN RIDGE
ST 11-32-10-17

WILKIN RIDGE
ST 31-32-10-17

WILKIN RIDGE
ST 12-32-10-17

WILKIN RIDGE
ST 32-32-10-17

WILKIN RIDGE
FED 12-33-10-17

32

WILKIN RIDGE (DEEP) UNIT

WILKIN RIDGE
FED 43-31-10-17

WILKIN RIDGE
ST 24-32-10-17

WILKIN RIDGE
ST 44-32-10-17

T11S R17E

FEATURE
1975 ST

WILKIN RIDGE
35-05

OPERATOR: GASCO PROD CO (N2575)

SEC: 32 T.10S R. 17E

FIELD: UNDESIGNATED (002)

COUNTY: *Duchesne*

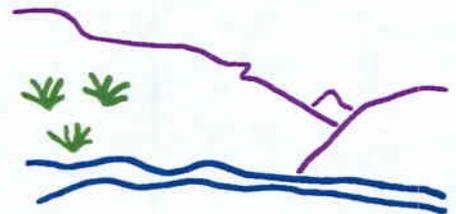
SPACING: R649-3-2 / GENERAL SITING

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 29-NOVEMBER-2006

Application for Permit to Drill

Statement of Basis

12/20/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
184	43-047-38882-00-00		GW	S	No
Operator	GASCO PRODUCTION COMPANY		Surface Owner-APD		
Well Name	WILKIN RIDGE ST 32-32-10-17		Unit		
Field	UNDESIGNATED		Type of Work		
Location	SWNE 32 10S 17E S 0 F L 0 F L GPS Coord (UTM) 583157E 4417153N				

Geologic Statement of Basis

Gasco has proposed 200' of surface casing and 3,595' 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 3,800'. A search of Division of Water Rights records shows no water wells within a 10,000' radius of the proposed location. 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.

Brad Hill
APD Evaluator

12/20/2006
Date / Time

Surface Statement of Basis

The location is approximately 27 miles straight-line distance southeast of Roosevelt, UT and 25.6 road miles southeast of Myton, UT.

Access to the site is by State and County highways or roads and oilfield development roads. All existing roads are suitable for access. 0.2 miles of new road will be constructed to the location.

The general area is referred to as Desert Springs. Topography is relative flat benches often broken with gently but sometimes steep draws. Desert Springs Wash drains into the Green River approximately 10 miles to the northeast. All drainages are ephemeral with no known springs or seeps in the immediate area.

This specific site is located on top of a semi-flat ridge top, which slopes slightly to the southeast. It is bordered on the west and east by draws, which run to the northeast and join Desert Springs Wash. One draw begins within the location and will be covered during construction.

The predrill investigation of the surface was performed on December 14, 2006. Both the surface and the minerals are owned by S.I.T.L.A.. Jim Davis of S.I.T.L.A and Ben Williams of UDWR were notified and invited to participate in this presite. Both were in attendance. Shon Mckinnon represented Gasco Production Co..

Ben Williams of the Utah Division of Wildlife Resources stated the DWR classifies the area as critical yearlong range for antelope and yearlong range of limited value for deer. He did not recommend any restrictions and stated that no significant impact should occur to any wildlife species from drilling this well. Mr. Williams gave Mr. McKinnon and Mr. Davis copies of his wildlife evaluation and a DWR recommended seed mix to use for re-vegetating the site.

This appears to be the best location for drilling a well in the general area.

Floyd Bartlett
Onsite Evaluator

12/14/2006
Date / Time

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

12/20/2006

Page 2

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator GASCO PRODUCTION COMPANY
Well Name WILKIN RIDGE ST 32-32-10-17
API Number 43-047-38882-0 **APD No** 184 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWNE **Sec** 32 **Tw** 10S **Rng** 17E 0 FL 0 FL
GPS Coord (UTM) 583159 4417155 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Shon Mckinnon (GASCO), Ben Williams (UDWR), Jim Davis (SITLA),

Regional/Local Setting & Topography

The location is approximately 27 miles straight-line distance southeast of Roosevelt, UT and 25.6 road miles southeast of Myton, UT.

Access to the site is by State and County highways or roads and oilfield development roads. All existing roads are suitable for access. 0.2 miles of new road will be constructed to the location.

The general area is referred to as Desert Springs. Topography is relative flat benches often broken with gently but sometimes steep draws. Desert Springs Wash drains into the Green River approximately 10 miles to the northeast. All drainages are ephemeral with no known springs or seeps in the immediate area.

This specific site is located on top of a semi-flat ridge top, which slopes slightly to the southeast. It is bordered on the west and east by draws, which run to the northeast and join Desert Springs Wash. One draw begins within the location and will be covered during construction.

Surface Use Plan

Current Surface Use

Grazing
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.2	Width 270	Length 380	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

A good cover of bluebunch wheat grass, shadscale, curly mesquite, cheatgrass, broom snakeweed, winter fat, black sagebrush, wormwood, festuca and greasewood; Deer, elk, antelope, songbirds, chuckars, rodent, raptors, coyote, bobcats, cattle in the winter.

Old prairie dog mounds located on site.

Soil Type and Characteristics

Rocky shallow sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		25
		1 Sensitivity Level

Characteristics / Requirements

75' by 190' located within a cut area on the on the southeast side of the location. It is 10 feet deep with a 10 foot wide bench. Stability should not be a problem. A 16 mil liner is required.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Ben Williams of the Utah Division of Wildlife Resources stated the DWR classifies the area as critical yearlong range for antelope and yearlong range of limited value for deer. He did not recommend any restrictions and stated that no significant impact should occur to any wildlife species from drilling this well. Mr. Williams gave Mr. McKinnon and Mr. Davis copies of his wildlife evaluation and a DWR recommended seed mix to use for re-vegetating the site.

Floyd Bartlett
Evaluator

12/14/2006
Date / Time

Casing Schematic

① BHP $0.052(3595)8.3 = 1552 \text{ psi}$ 13-3/8" MW 8.3 Frac 19.3

Gas $.12(3595) = 431$
 $1552 - 431 = 1121 \text{ psi, MASP}$

BOPE 5M

Burst 1730
 $70\% = 1211 \text{ psi}$

Max P@ Surf. shoe
 $.22(3395) = 747$
 $1552 - 747 = 801 \text{ psi}$
 test to 801 psi ✓

② BHP $.052(12985)11.5 = 7765 \text{ psi}$
 anticipate 7272 psi

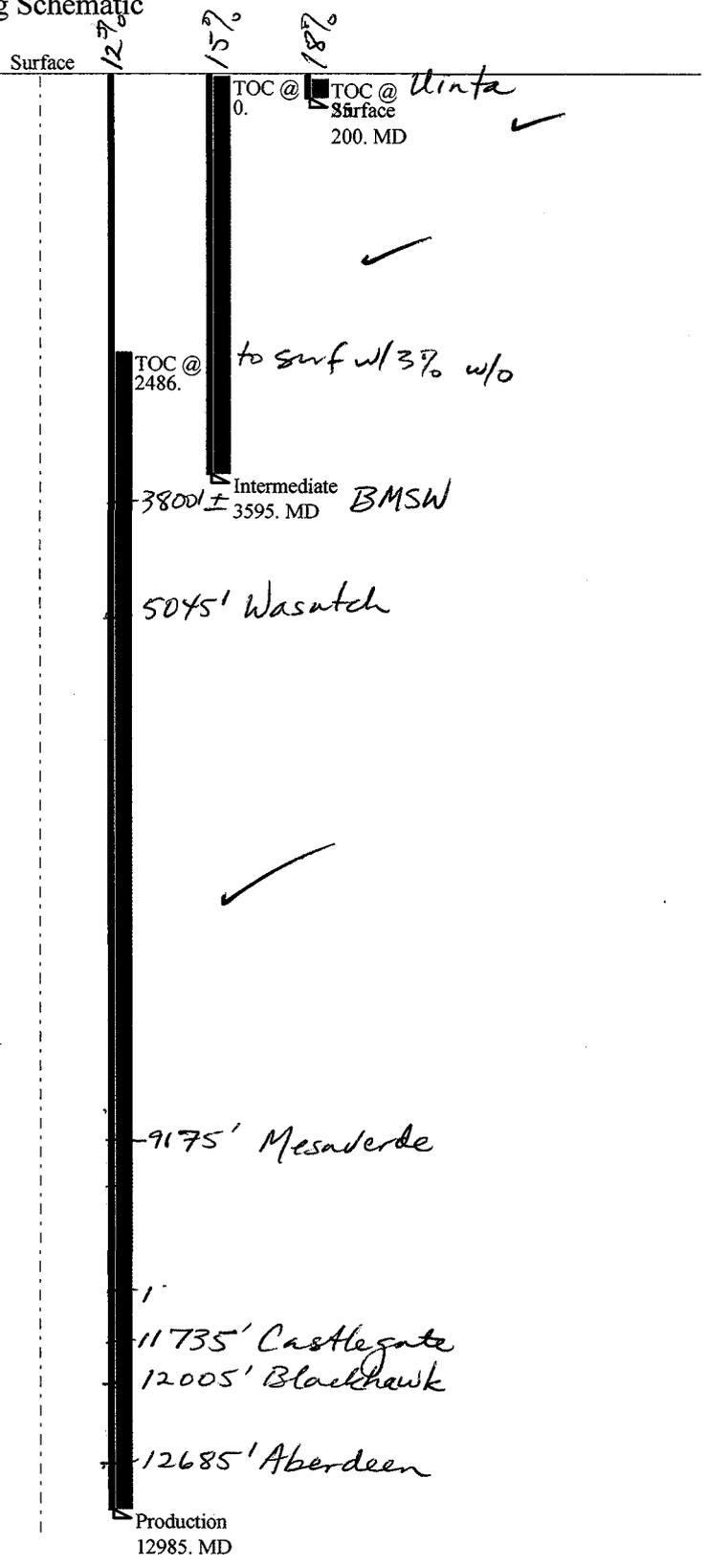
Gas $.12(12985) = 1558$
 $7765 - 1558 = 6207 \text{ psi MASP}$

Grind $(0.22)(12985) = 2857 \text{ psi}$
 $6207 - 2857 = 3350 \text{ psi MASP}$
 BOPE - 5M ✓

Burst 3930
 $70\% = 2751 \text{ psi}$

Max P@ int. shoe
 $.22(9390) = 2050$
 $7765 - 2050 = 5715 \text{ psi}$
 shoe frac $p_{max} = 3595 \text{ psi}$
 @ 1 psi/ft

test to 2751 ✓



4-1/2" MW 11.5

Production 12985 MD

Adequate and 1/8/07

Well name:	2006-12 Gasco Wilkin Ridge ST 32-32-10-17		
Operator:	Gasco Production Company		
String type:	Surface	Project ID:	43-047-38882
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 8.330 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 176 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 200 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: 175 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 78 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 200 ft

Cement top: 25 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 3,595 ft
 Next mud weight: 8.330 ppg
 Next setting BHP: 1,556 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 200 ft
 Injection pressure: 200 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	200	13.375	48.00	H-40	ST&C	200	200	12.59	176.2
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	86	740	8.559	200	1730	8.65	8	322	38.24 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: December 28, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 200 ft, a mud weight of 8.33 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.

Well name:	2006-12 Gasco Wilkin Ridge ST 32-32-10-17		
Operator:	Gasco Production Company		
String type:	Intermediate	Project ID:	43-047-38882
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 8.330 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 125 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 200 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,804 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 3,595 psi

No backup mud specified.

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: 3,150 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 12,985 ft
 Next mud weight: 11.500 ppg
 Next setting BHP: 7,757 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,595 ft
 Injection pressure: 3,595 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 (ft³)
1	3595	8.625	32.00	J-55	ST&C	3595	3595	7.875	1230.2
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	1556	2530	1.626	3595	3930	1.09	101	372	3.69 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: December 28, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3595 ft, a mud weight of 8.33 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.

Well name:	2006-12 Gasco Wilkin Ridge ST 32-32-10-17		
Operator:	Gasco Production Company		
String type:	Production	Project ID:	43-047-38882
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 11.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 257 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 2,486 ft

Burst

Max anticipated surface pressure: 4,901 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 7,757 psi

No backup mud specified.

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)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 10,781 ft

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	12985	4.5	13.50	P-110	LT&C	12985	12985	3.795	1088.3
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	7757	10680	1.377	7757	12410	1.60	146	338	2.32 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: December 28, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 12985 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.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

November 29, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Wilkin Ridge Unit, Duchesne and Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Wilkin Ridge Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

Proposed PZ Blackhawk)

43-047-38883 Wilkin Ridge St 21-16-10-17 Sec 16 T10S R17E 0659 FNL 1970 FWL
43-047-38882 Wilkin Ridge St 32-32-10-17 Sec 32 T10S R17E 1965 FNL 1997 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Wilkin Ridge Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-29-06

From: Ed Bonner
To: Mason, Diana
Date: 1/18/2007 2:13 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

EOG Resources, Inc
Chapita Wells Unit 722-32 (API 43 047 38862)

Enduring Resources, LLC
Long Draw 12-24-34-23 (API 43 047 38652)

Gasco Production Company
Wilkin Ridge State 21-16-10-17 (API 43 047 38883)
Wilkin Ridge State 32-32-10-17 (API 43 047 38882)
Wilkin Ridge State 11-32-10-17 (API 43 047 38875)

Wind River II Corporation
Snowshoe 4-15-16-22 (API 43 019 31510)

If you have any questions regarding this matter please give me a call.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 18, 2007

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

Re: Wilkin Ridge State 32-32-10-17 Well, 1965' FNL, 1997' FEL, SW NE,
Sec. 32, T. 10 South, R. 17 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 43-047-38882.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Gasco Production Company
Well Name & Number Wilkin Ridge State 32-32-10-17
API Number: 43-047-38882
Lease: ML-47056

Location: SW NE Sec. 32 T. 10 South R. 17 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.

Page 2

43-047-38882

January 18, 2007

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 18, 2007
AMENDED

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

Re: Wilkin Ridge State 32-32-10-17 Well, 1965' FNL, 1997' FEL, SW NE,
Sec. 32, T. 10 South, R. 17 East, Duchesne 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 43-013-33544.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

cc: Duchesne County Assessor
SITLA

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. 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.

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47056
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: NA
		7. UNIT or CA AGREEMENT NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Wilkin Ridge State 32-32-10-17
2. NAME OF OPERATOR: Gasco Production Company		9. API NUMBER: 4301333544
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		10. FIELD AND POOL, OR WILDCAT: Wilkin Ridge
PHONE NUMBER: (303) 483-0044		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1965' FNL 1997' FEL		COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 32 10S 17E		STATE: UTAH

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

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

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

Gasco Production Company would like to request a one year extension on this APD from the date it is due to expire (1/18/2008)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-26-07
By: [Signature]

RECEIVED
DEC 26 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Beverly Walker</u>	TITLE <u>Engineering Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>12/20/2007</u>

(This space for State use only)



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

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

API: 4301333544
Well Name: Wilkin Ridge State 32-32-10-17
Location: SW NE of Section 32-T10S-R17E Duchesne Cnty, UT
Company Permit Issued to: Gasco Production Company
Date Original Permit Issued: 1/18/2007

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

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

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

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

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

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

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

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

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


Signature

12/20/2007
Date

Title: Engineering Technician

Representing: Gasco Production Company

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47056
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: NA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Wilkin Ridge State 32-32-10-17
2. NAME OF OPERATOR: Gasco Production Company		9. API NUMBER: 4301333544
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		10. FIELD AND POOL, OR WILDCAT: Wilkin Ridge
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1965' FNL 1997' FEL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 32 10S 17E STATE: UTAH		

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Gasco Production Company would like to request a one year extension on this APD from the date it is due to expire (12/26/2008)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-24-08
By: [Signature]

NAME (PLEASE PRINT) <u>Jessica Berg</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>[Signature]</u>	DATE <u>12/19/2008</u>

(This space for State use only)

COPY SENT TO OPERATOR
Date: 12.30.2008
Initials: KS

(See Instructions on Reverse Side)

RECEIVED
DEC 23 2008
DIV. OF OIL, GAS & MINING

RESULT

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

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

API: 4301333544
Well Name: Wilkin Ridge State 32-32-10-17
Location: SW NE of Section 32-T10S-R17E Duchesne Cnty, UT
Company Permit Issued to: Gasco Production Company
Date Original Permit Issued: 1/18/2007

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

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

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

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

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

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



Signature

12/19/2008

Date

Title: Production Clerk

Representing: Gasco Production Company

**RECEIVED
DEC 23 2008**



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 19, 2010

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

Re: APD Rescinded – Wilkin Ridge St 32-32-10-17, Sec. 32 T. 10S, R. 17E
Duchesne County, Utah API No. 43-013-33544

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on January 18, 2007. On December 26, 2007 and December 24, 2008, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 19, 2010.

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

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

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

