



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

December 14, 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 #23-16-10-17
1948' FSL and 1995' FWL
NE SW Section 16, 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

DEC 19 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

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: ML-48928	6. SURFACE: State
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"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Gasco Production Company		8. UNIT or CA AGREEMENT NAME: Wilkin Ridge	
3. ADDRESS OF OPERATOR: 8 Inverness Drive East, Suite 100, Englewood, CO 80112		9. WELL NAME and NUMBER: Wilkin Ridge State #23-16-10-17	
PHONE NUMBER: 303/483-0044		10. FIELD AND POOL, OR WILDCAT: Wilkin Ridge <i>undesignated</i>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 584316x 44215764 1948' FSL and 1995' FWL AT PROPOSED PRODUCING ZONE: NE SW 39. 941997-110.013097		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 16, T10S - R17E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 22 miles south of Myton, UT		12. COUNTY: Duchesne	13. STATE: UT
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1948'	16. NUMBER OF ACRES IN LEASE: 600	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 Acres: NE SW	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 13,190'	20. BOND DESCRIPTION: Statewide Bond No. 4127763	
21. ELEVATIONS (SHOW WHETHER OF, RT, GR, ETC.): 5830' 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#	3,690'	625 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#	13,190'	523 sx Hi-Lift @ 11.5 ppg, 3.05 yield & 1378 sx 50/50 Poz @ 14.1 ppg, 1.28 yield
CONFIDENTIAL-TIGHT HOLE			

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 **December 14, 2006**

(This space for State use only)

API NUMBER ASSIGNED: **43-013-33468**

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED

DEC 19 2006

Date: *12/22/06*

By: *[Signature]* DIV. OF OIL, GAS & MINING

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

GASCO PRODUCTION COMPANY

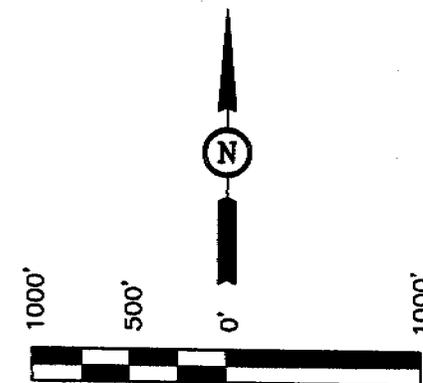
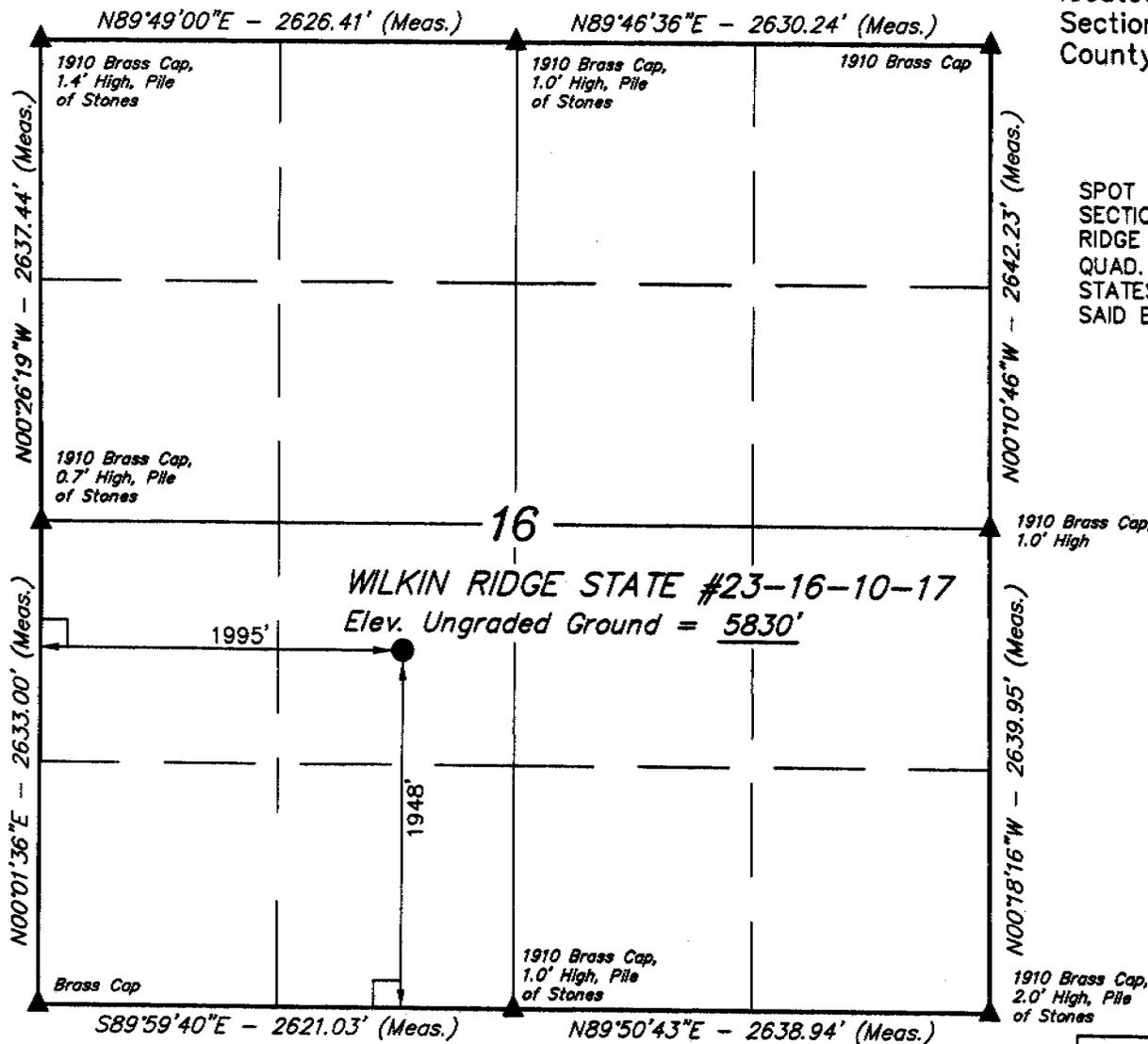
Well location, WILKIN RIDGE STATE #23-16-10-17, located as shown in the NE 1/4 SW 1/4 of Section 16, T10S, R17E, S.L.B.&M., Duchesne County, Utah.

BASIS OF BEARINGS

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

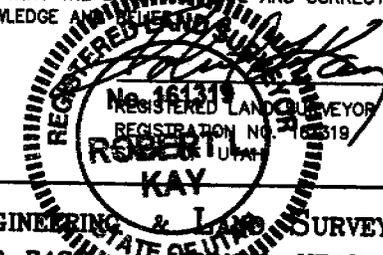
BASIS OF ELEVATION

SPOT ELEVATION NEAR A 2-TRACK IN THE SW 1/4 OF SECTION 20, T10S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6275 FEET.



SCALE
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.



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

LEGEND:

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

(AUTONOMOUS NAD 83)
 LATITUDE = 39°56'31.34" (39.942039)
 LONGITUDE = 110°00'49.50" (110.013750)
 (AUTONOMOUS NAD 27)
 LATITUDE = 39°56'31.47" (39.942075)
 LONGITUDE = 110°00'46.96" (110.013044)

SCALE 1" = 1000'	DATE SURVEYED: 11-06-06	DATE DRAWN: 11-09-06
PARTY J.W. B.D. S.L.		REFERENCES G.L.O. PLAT
WEATHER COOL		FILE GASCO PRODUCTION COMPANY

CONFIDENTIAL TIGHT-HOLE

Wilkin Ridge State #23-16-10-17
1948' FSL and 1995' FWL
NE SW Section 16, T10S - R17E
Duchesne 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 Oil, Gas & Mining - Roosevelt, UT**
- 2 - Gasco Production Company - Englewood, CO**
- 1 - Shawn Elworthy - Roosevelt, UT**
- 1 - Shon McKinnon - Altmont, UT**



The proposed wellsite is located on State Surface/State Minerals within the Wilkin Ridge Unit.

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	5,140'	+700'
Mesaverde	9,290'	-3,450'
Castlegate	11,970'	-6,130'
Blackhawk	12,210'	-6,370'
Spring Canyon	12,890'	-7,050'
T.D.	13,190'	-7,350'

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	5,500' - 9,290'
Gas	Mesa Verde	9,290' - 11,970'
Gas	Blackhawk	12,210' - 13,090'

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 with 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>
Conductor	0-200'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3,690'	12-1/4"	8-5/8"	30# 24#	J-55	ST&C	New
Production	0-13,190'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

Casing design subject to revision based on geologic conditions encountered.

*70 Liso
1/31/07*

5. Cement Program

<i>Surface</i>	<i>Type and Amount</i>
TOC - Surface	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
<i>Intermediate</i>	<i>Type and Amount</i>
TOC - Surface	Lead: 625 sx Hi-Lift, 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield
<i>Production</i>	<i>Type and Amount</i>
TOC - 2,500'	Lead: 523 sx HI-Lift, 11.5 ppg, 3.05 yield. Tail: 1378 sx 50/50 Poz 'G' @ 14.1 ppg, 1.28 yield.



6. Drilling Fluids

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

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>PH</i>
0 - 200'	Fresh Water	8.33	1	---	7
200' - 3,690'	Fresh Water	8.33	1	---	7-8
3,690' - T.D.	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) to be run from TD to base of surface casing.
- c. No cores are anticipated.

8. Anticipated Pressures and H₂S

- a. No H₂S is expected. The maximum anticipated bottom hole pressure is 7386 psi. The maximum bottom hole temperature is 224 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. 43-1723.



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 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 State of Utah.

e. Surface Ownership

State of Utah



GASCO PRODUCTION COMPANY

WILKIN RIDGE STATE #23-16-10-17

LOCATED IN DUCHESNE COUNTY, UTAH

SECTION 16, T10S, R17E, S.L.B.&M.

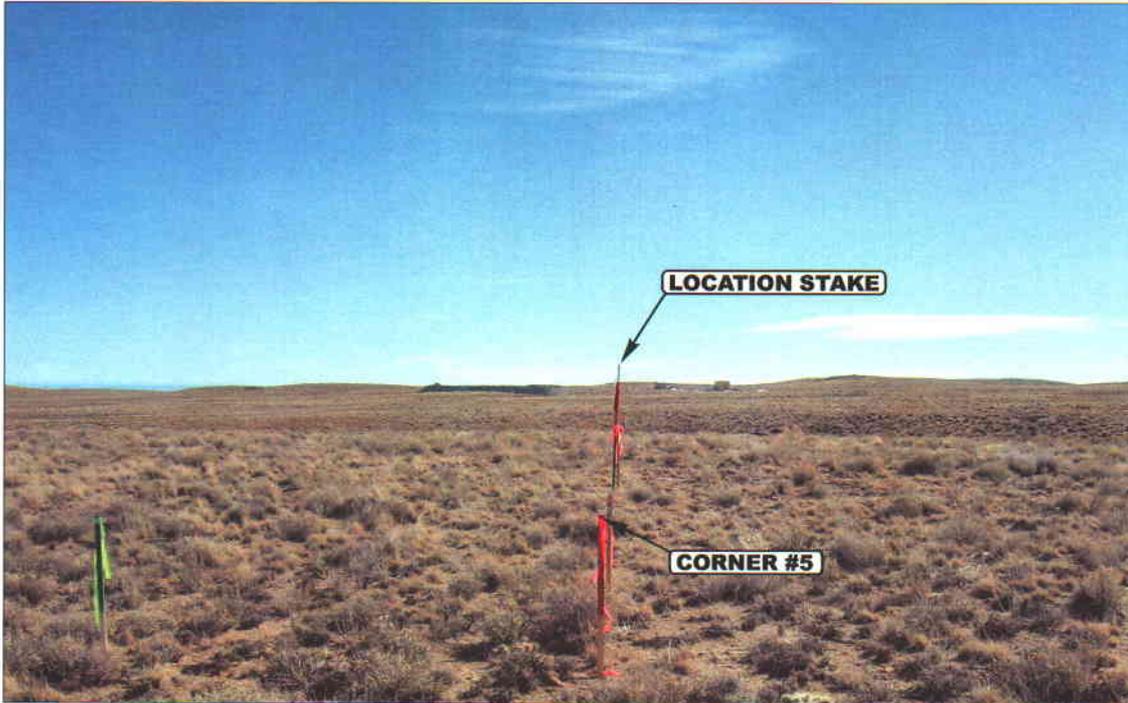


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- 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
MONTH DAY YEAR

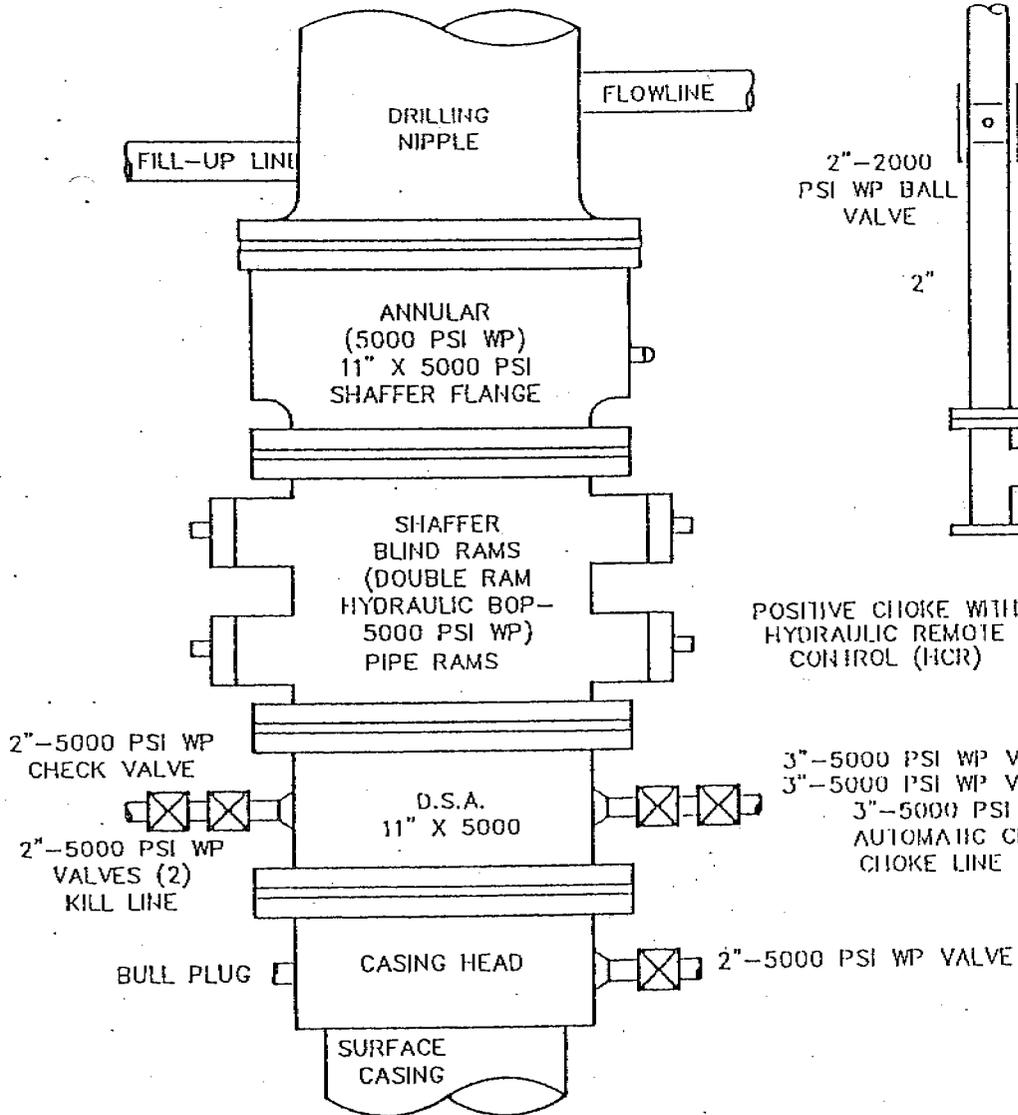
PHOTO

TAKEN BY: J.W.

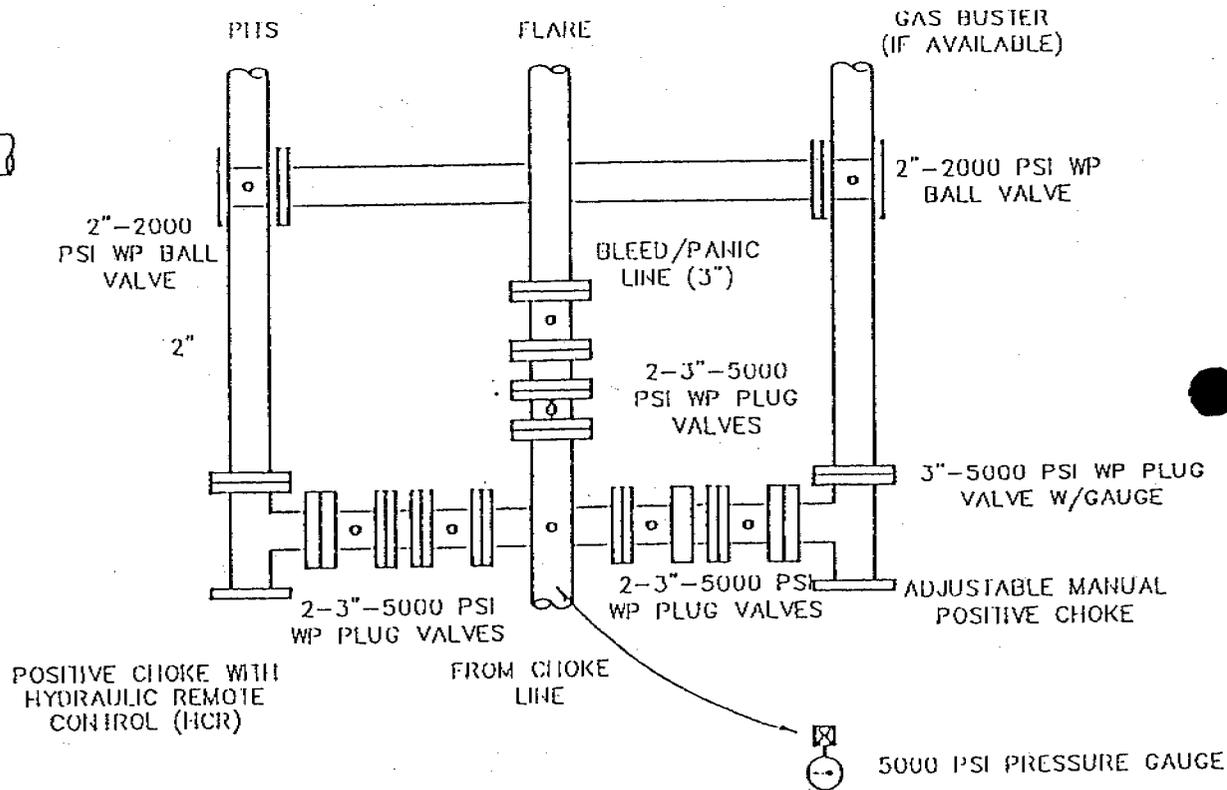
DRAWN BY: L.K.

REVISED: 00-00-00

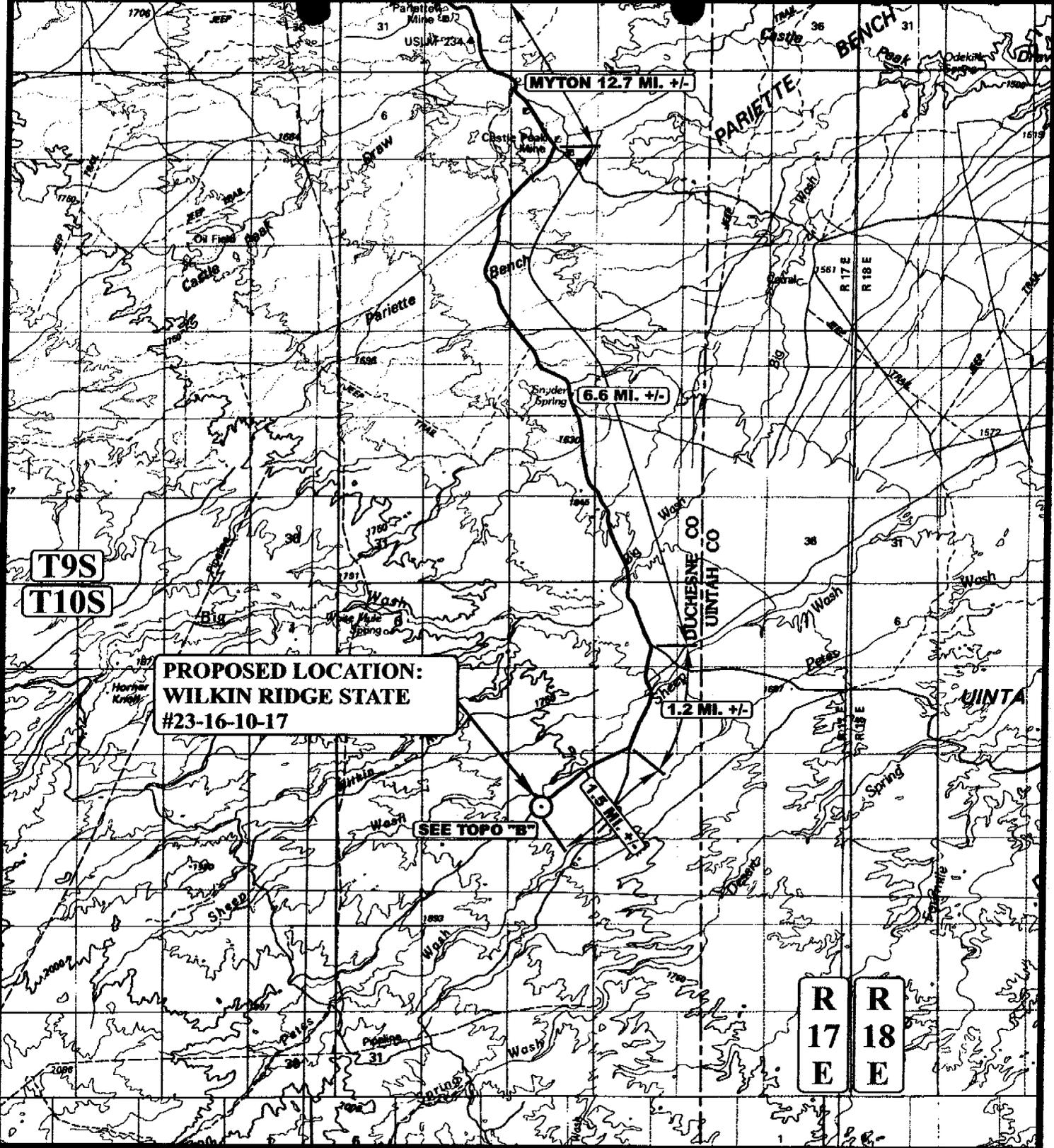
BOP SCHEMATIC
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKER 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
#23-16-10-17**

SEE TOPO "B"

LEGEND:

⊙ PROPOSED LOCATION

GASCO PRODUCTION COMPANY

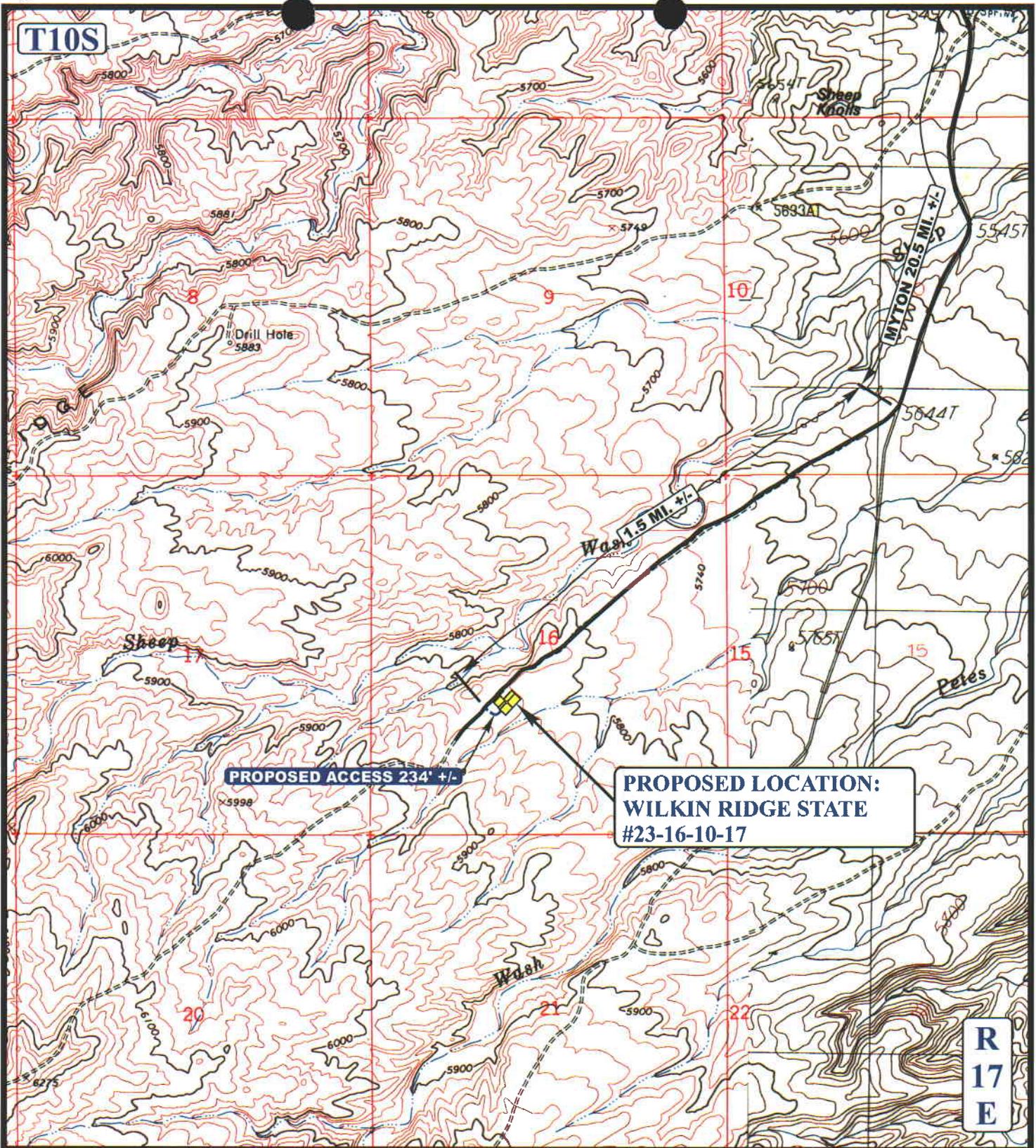
**WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL**

U&Ls
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: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



GASCO PRODUCTION COMPANY

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL

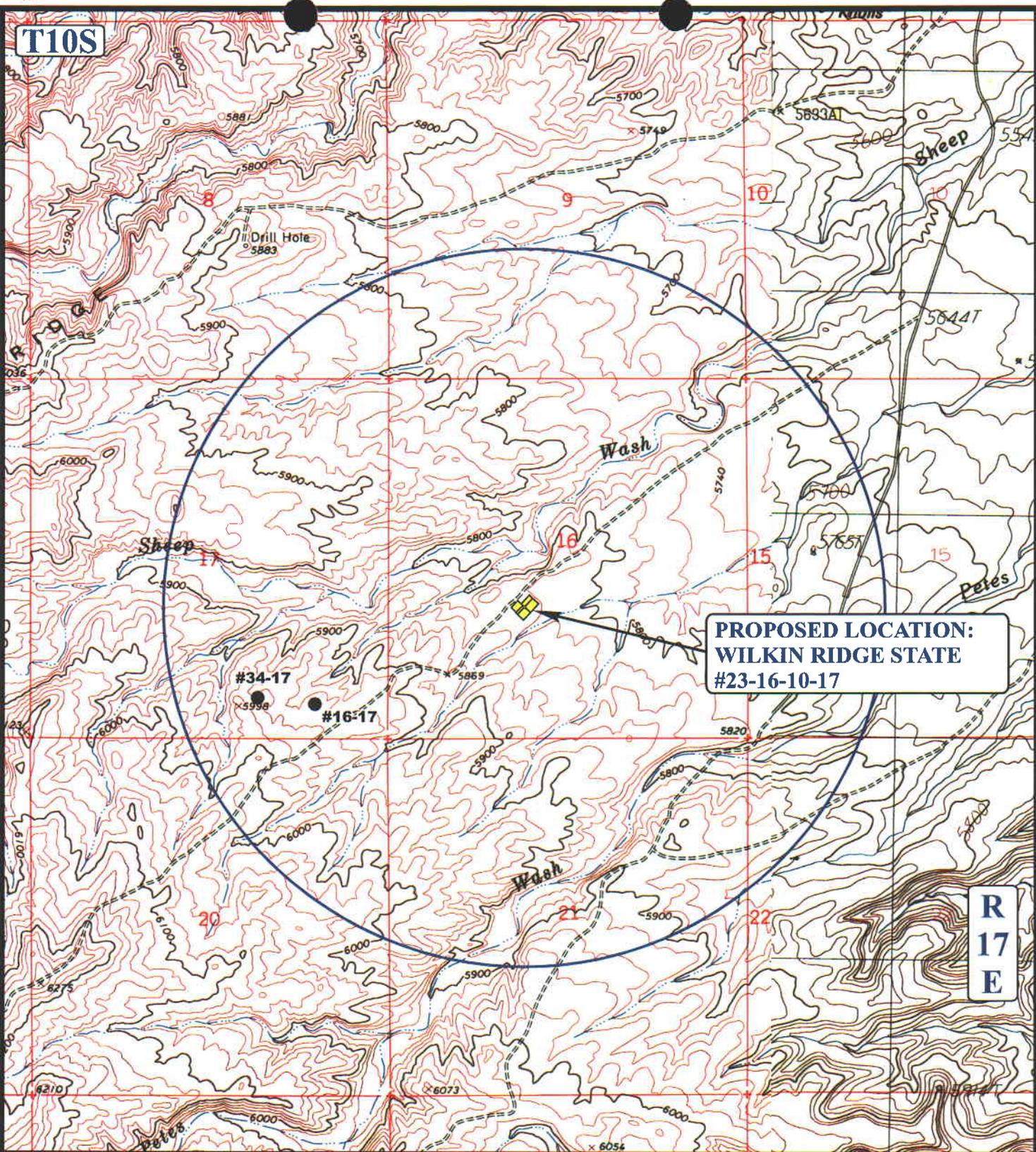


Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

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



T10S



**PROPOSED LOCATION:
WILKIN RIDGE STATE
#23-16-10-17**

**R
17
E**

LEGEND:

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



GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL**

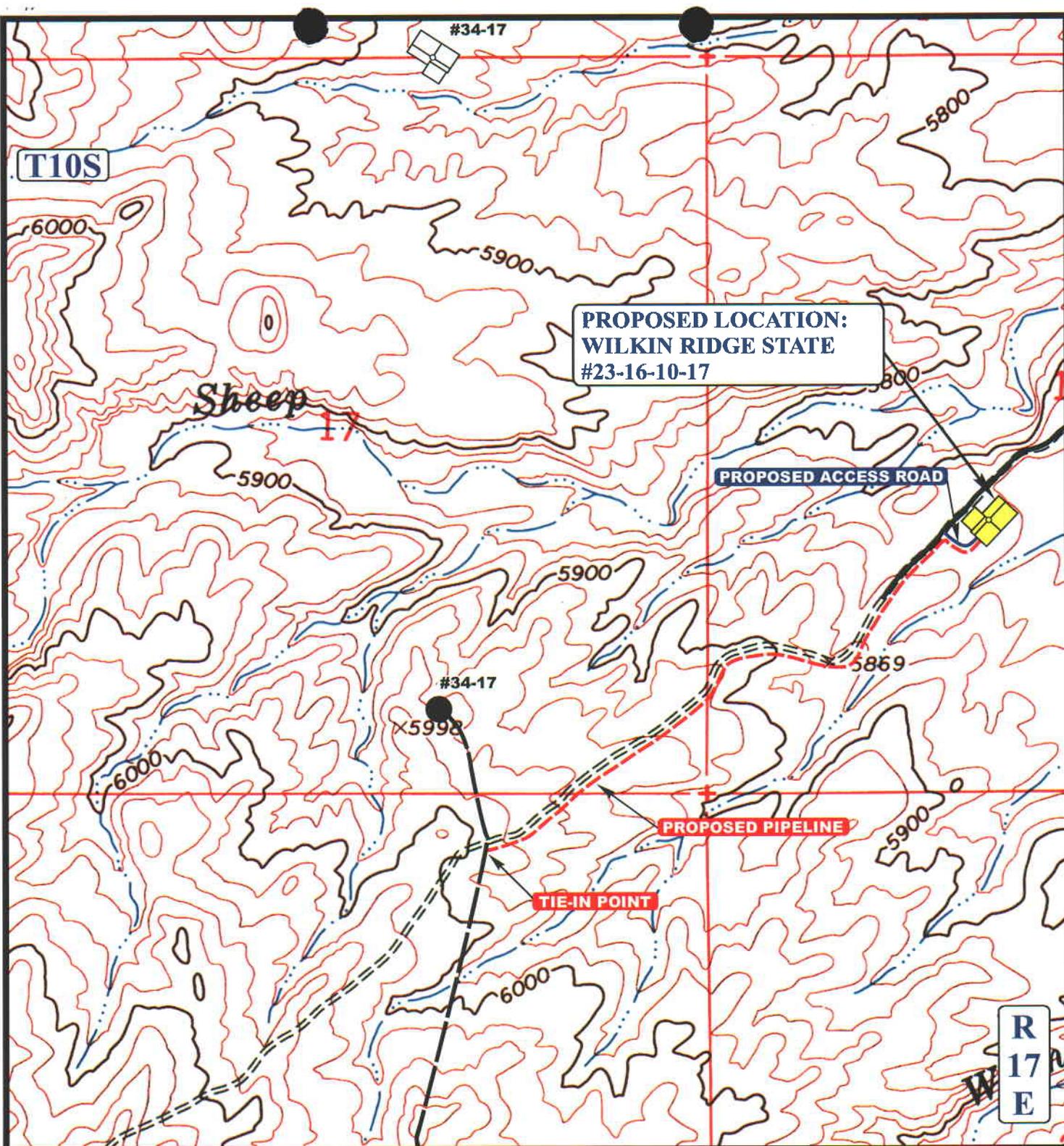


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 11 08 06
MAP MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 4,500' +/-

LEGEND:

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



GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL**



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

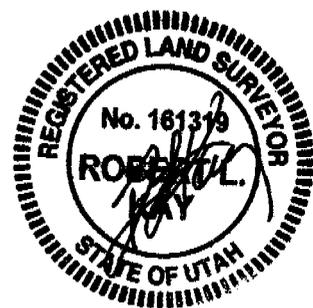
TOPOGRAPHIC MAP **11 08 06**
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00



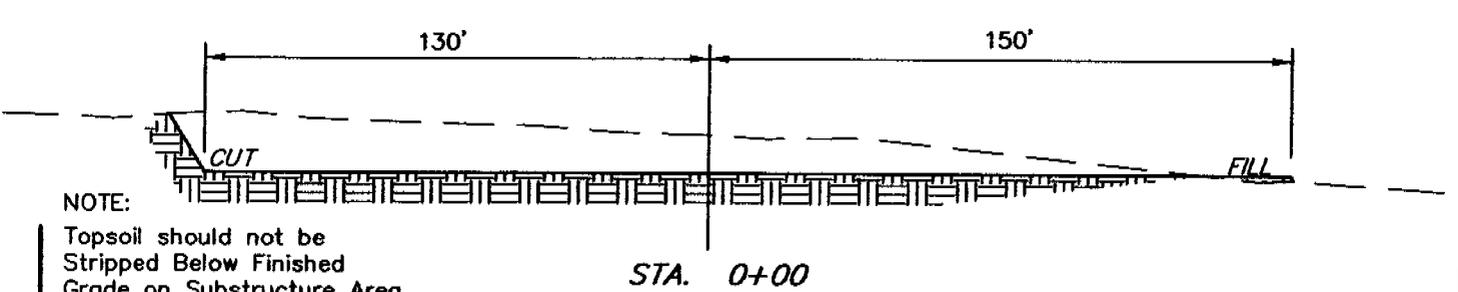
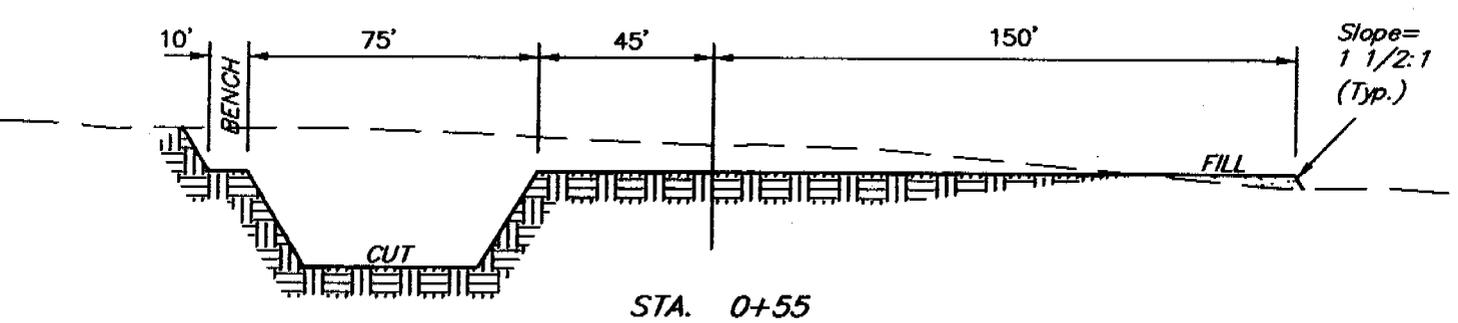
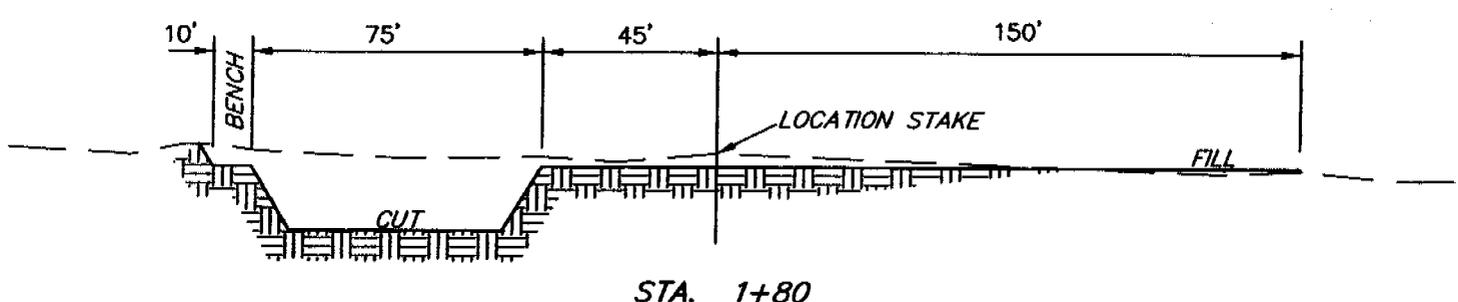
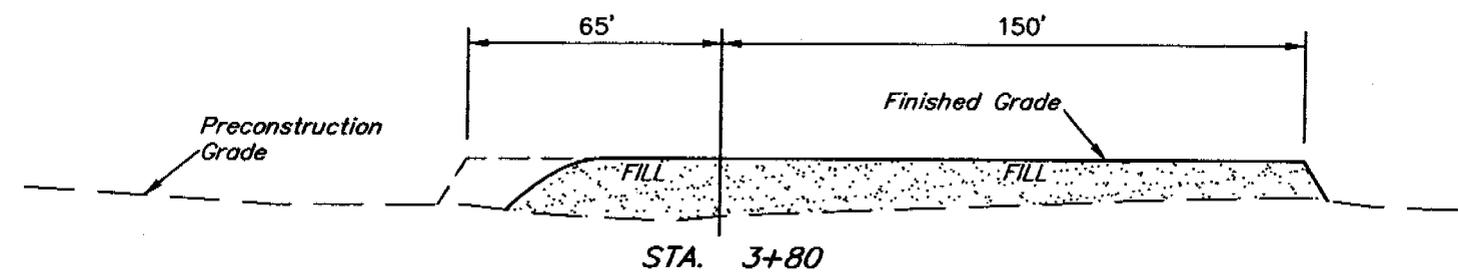
GASCO PRODUCTION COMPANY

TYPICAL CROSS SECTIONS FOR

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL



1" = 20'
X-Section Scale
1" = 50'
DATE: 11-09-06
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	= 1,970 Cu. Yds.
Remaining Location	= 7,310 Cu. Yds.
TOTAL CUT	= 9,280 CU.YDS.
FILL	= 5,450 CU.YDS.

EXCESS MATERIAL	= 3,830 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,830 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/19/2006

API NO. ASSIGNED: 43-013-33468

WELL NAME: WILKIN RIDGE ST 23-16-10-17
 OPERATOR: GASCO PRODUCTION (N2575)
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-483-0044

PROPOSED LOCATION:

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	3/22/07
Geology		
Surface		

NESW 16 100S 170E
 SURFACE: 1948 FSL 1995 FWL
 BOTTOM: 1948 FSL 1995 FWL
 COUNTY: DUCHESNE
 LATITUDE: 39.94200 LONGITUDE: -110.0131
 UTM SURF EASTINGS: 584316 NORTHINGS: 4421576
 FIELD NAME: UNDESIGNATED (2)

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-48928
 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. 43-1723)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: WILKIN RIDGE DEEP
- 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 (01-23-07)

STIPULATIONS:

1-Spacing Slip
2-STATEMENT OF BASIS

T10S R17E

WILKIN RIDGE ST
21-16-10-17

WILKIN RIDGE UNIT

16

WILKIN RIDGE ST
23-16-10-17

WILKIN RIDGE ST
34-16-10-17

WILKIN RIDGE
FED 14-15-10-17

WILKIN RIDGE
FED 11-21-10-17

E FLAT FIELD

OPERATOR: GASCO PROD CO (N2575)

SEC: 16 T.10S R. 17E

FIELD: UNDESIGNATED (002)

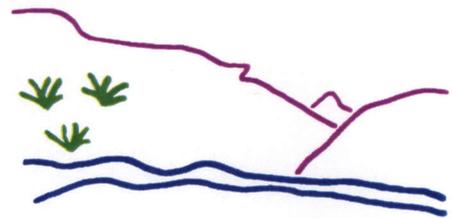
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 19-DECEMBER-2006

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

1/29/2007

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM No
190	43-013-33468-00-00		GW	S	No
Operator	GASCO PRODUCTION COMPANY		Surface Owner-APD		
Well Name	WILKIN RIDGE ST 23-16-10-17	Unit	WILKIN RIDGE DEEP		
Field	UNDESIGNATED	Type of Work			
Location	NESW 16 10S 17E S 0 FL 0 FL GPS Coord (UTM) 584316E 4421576N				

Geologic Statement of Basis

Gasco has proposed 200' of surface casing and 3,690' 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 2,800'. 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

1/29/2007
Date / Time

Surface Statement of Basis

The predrill investigation of the surface was performed on January 23, 2007. 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 and Shaun Elworthy represented Gasco Production Co..

The location is approximately 24 miles straight-line distance southeast of Roosevelt, UT and 22 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. The location is immediately east of the Sheep Wash road. Only 234 feet of new road will be constructed to the location.

The general area is referred to as Sheep Wash. Topography is relative flat benches often broken with gently but sometimes steep draws. Sheep Wash drains into the Green River approximately 6 miles to the northeast. All drainages are ephemeral with no know springs or seeps in the immediate area.

This specific site is located in an open area on gentle topography with a slight slope to the southeast. A shallow drainage exist east of the proposed site.

The location as proposed is within about 20 feet of the existing road. This would require that all spoils be excavated and placed at the end of the reserve pit. Mr. Shaun Elworthy of Gasco requested the option of rotating the location 180 degrees so the spoils could be placed paralleling the outside of the pit. This change should create no problems and the site is level enough not to require re-staking. The final decision will be made following a discussion with the dirt contractor selected to construct the location.

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.

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

1/29/2007

Page 2

The site appears to be the best location for drilling and operating a well in the general area.

Floyd Bartlett
Onsite Evaluator

1/23/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Drilling	The location may be turned 180 degrees to facilitate easier storage and recovery of the spoils from the reserve pit.
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 23-16-10-17
API Number 43-013-33468-0 **APD No** 190 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NESW **Sec** 16 **Tw** 10S **Rng** 17E 0 FL 0 FL
GPS Coord (UTM) 584383 4421529 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Shon Mckinnon and Shaun Elworthy (GASCO), Ben Williams and Torry Mathis (UDWR), Jim Davis (SITLA),

Regional/Local Setting & Topography

The location is approximately 24 miles straight-line distance southeast of Roosevelt, UT and 22 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. The location is immediately east of the Sheep Wash road. Only 234 feet of new road will be constructed to the location.

The general area is referred to as Sheep Wash. Topography is relative flat benches often broken with gently but sometimes steep draws. Sheep Wash drains into the Green River approximately 6 miles to the northeast. All drainages are ephemeral with no know springs or seeps in the immediate area.

This specific site is located in an open area on gentle topography with a slight slope to the southeast. A shallow drainage exist east of the proposed site.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat
Recreational

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.05	Width 270	Length 380	Onsite	GRRV

Ancillary Facilities

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Snow covered the area. Anticipated vegetation consists of shadscale, Gardner saltbrush, curly mesquite, cheatgrass, globe mallow and Indian ricegrass. Deer, elk, antelope, songbirds, chuckars, rodent, raptors, coyote, bobcats, cattle in the winter.

Soil Type and Characteristics

Covered with snow. Moderately deep sandy shaley loam is expected.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

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

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 primarily within a cut area on the on the northeast 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

The location as proposed is within about 20 feet of the existing road. This would require that all spoils be excavated and placed at the end of the reserve pit. Shaun Elworthy of Gasco requested the option of rotating the location 180 degrees so the spoils could be placed paralleling the outside of the pit. This change should create no problems and the site is level enough not to require re-staking. The final decision will be made following a discussion with the dirt contractor selected to construct the location.

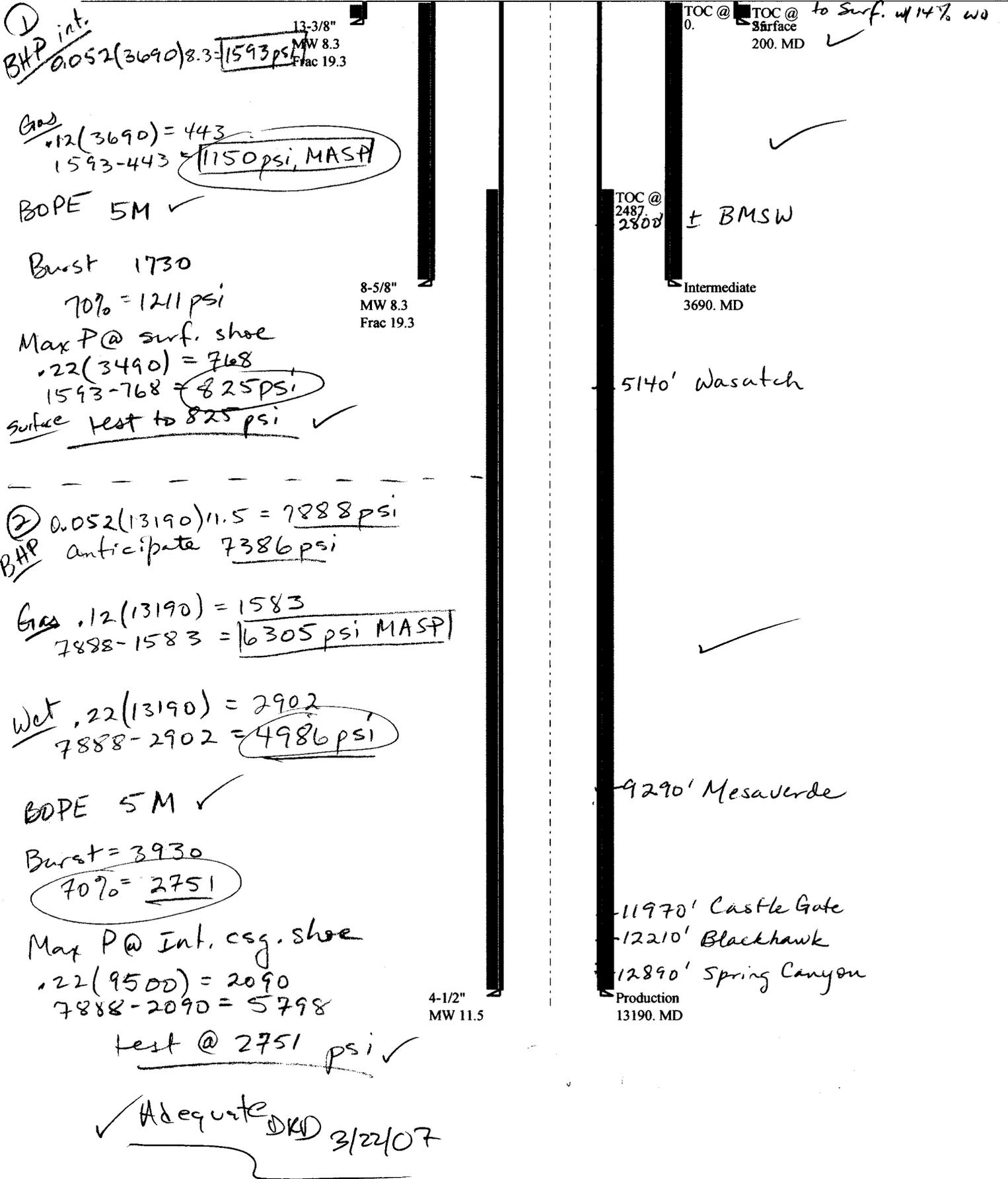
Ben Williams of the Utah Division of Wildlife Resources stated the DWR classifies the area as critical yearlong range for antelope and yearlong range of limited value for deer. He did not recommend any restrictions and stated that no significant impact should occur to any wildlife species from drilling 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

1/23/2007
Date / Time

007-1 Gasco Wilkin Ridge S1 23-16-10-17

Casing Schematic



Well name:

2007-1 Gasco Wilkin Ridge ST 23-16-10-17Operator: **Gasco Production Company**String type: **Surface**

Project ID:

43-013-33468

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: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 200 ft

Cement top: 25 ft

BurstMax anticipated surface
pressure: 176 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 200 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: 175 ft**Non-directional string.****Re subsequent strings:**Next setting depth: 3,690 ft
Next mud weight: 8.330 ppg
Next setting BHP: 1,597 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 (ft³)
1	200	13.375	48.00	H-40	ST&C	200	200	12.59	176.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Klps)	Tension Strength (Klps)	Tension Design Factor
1	86	740	8.563	200	1730	8.65	8	322	38.26 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: January 30, 2007
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.

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

Well name:	2007-1 Gasco Wilkin Ridge ST 23-16-10-17	
Operator:	Gasco Production Company	Project ID:
String type:	Intermediate	43-013-33468
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: 127 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 200 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,878 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,690 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: 3,233 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,190 ft
Next mud weight: 11.500 ppg
Next setting BHP: 7,880 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,690 ft
Injection pressure: 3,690 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	3690	8.625	32.00	J-55	LT&C	3690	3690	7.875	1262.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Klps)	Tension Strength (Klps)	Tension Design Factor
1	1597	2530	1.584	3690	3930	1.07	103	417	4.03 J

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

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

Date: January 31, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3690 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 & Kernier method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	2007-1 Gasco Wilkin Ridge ST 23-16-10-17	
Operator:	Gasco Production Company	Project ID:
String type:	Production	43-013-33468
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: 260 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft
 Cement top: 2,487 ft

Burst

Max anticipated surface pressure: 4,978 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 7,880 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: 10,951 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 (ft³)
1	13190	4.5	13.50	P-110	LT&C	13190	13190	3.795	1105.5

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	7880	10680	1.355	7880	12410	1.57	148	338	2.29 J

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

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

Date: January 30, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 13190 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)

January 3, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 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 2007 within the Wilkin Ridge Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Blackhawk)		
43-013-33468	Wilkin Ridge State	23-16-10-17 Sec 16 T10S R17E 1948 FSL 1995 FWL
43-013-33473	Wilkin Ridge Fed	41-28-10-17 Sec 28 T10S R17E 0793 FNL 0858 FEL
43-013-33474	Wilkin Ridge Fed	41-21-10-17 Sec 21 T10S R17E 0478 0FNL 813 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:1-3-07

From: Ed Bonner
To: Mason, Diana
Date: 2/5/2007 9:59 AM
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:

Dominion E&P, Inc
KC 13-32E (API 43 047 38950)

Enduring Resources, LLC
Southman Canyon 9-23-22-36 WD (API 43 047 38983)
Buck Camp 11-22-11-36 WD (API 43 047 38984)
Rock House 11-23-32-2 (API 43 047 38986)

EOG Resources, Inc
Gilsonite Draw 3-02GR (API 43 013 33482)
Gilsonite Draw 11-02GR (API 43 013 33483)
Big Wash 61-16GR (API 43 013 33485)

Gasco Production Company
Wilkin Ridge State 23-16-10-17 (API 43 013 33468)

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

Application for Permit to Drill
 Gasco Production Company
Wilkin Ridge State #23-16-10-17
 1948' FSL and 1995' FWL
 NE SW Section 16, T10S - R17E
 Duchesne County, Utah

CONFIDENTIAL TIGHT-HOLE

ML-48928

DRILLING PROGRAM

Page 2

Gasco will comply with 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>
Conductor	0-200'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3,690'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-13,190'	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>Surface</i>	<i>Type and Amount</i>
TOC - Surface	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
<i>Intermediate</i>	<i>Type and Amount</i>
TOC - Surface	Lead: 625 sx Hi-Lift, 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield
<i>Production</i>	<i>Type and Amount</i>
TOC - 2,500'	Lead: 523 sx HI-Lift, 11.5 ppg, 3.05 yield. Tail: 1378 sx 50/50 Poz 'G' @ 14.1 ppg, 1.28 yield.





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

March 22, 2007

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

Re: Wilkin Ridge State 23-16-10-17 Well, 1948' FSL, 1995' FWL, NE SW,
Sec. 16, 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 43-013-33468.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Gasco Production Company
Well Name & Number Wilkin Ridge State 23-16-10-17
API Number: 43-013-33468
Lease: ML-48928

Location: NE SW **Sec.** 16 **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 action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office
 (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office
 (801) 733-0983 home

3. Reporting Requirements

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

4. 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.

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

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals		6. Lease Designation and Serial Number ML-48928
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement Wilkin Ridge
		9. Well Name and Number Wilkin Ridge State #23-16-10-17
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 43-013-33468
2. Name of Operator Gasco Production Company		11. Field and Pool, or Wildcat Undesignated
3. Address of Operator 8 Inverness Drive East, Suite #100, Englewood, CO 80112	4. Telephone Number 303/483-0044	
5. Location of Well Footage : 1948' FSL and 1995' FWL County : Duchesne QQ, Sec, T., R., M. : NE SW Section 16, T10S - R17E State : Utah		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

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

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The wellpad for the subject well has been rotated to get the reserve pit away from the road as shown on the attached revised maps and well pad diagram.

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

Date: 04-23-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 04-24-07
Initials: GM

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

Name & Signature Venus Hammer Title Consultant for Gasco Production Company Date 04/19/07

(State Use Only)

RECEIVED
APR 23 2007

GASCO PRODUCTION COMPANY
WILKIN RIDGE STATE #23-16-10-17
 LOCATED IN DUCHESNE COUNTY, UTAH
 SECTION 16, T10S, R17E, S.L.B.&M.

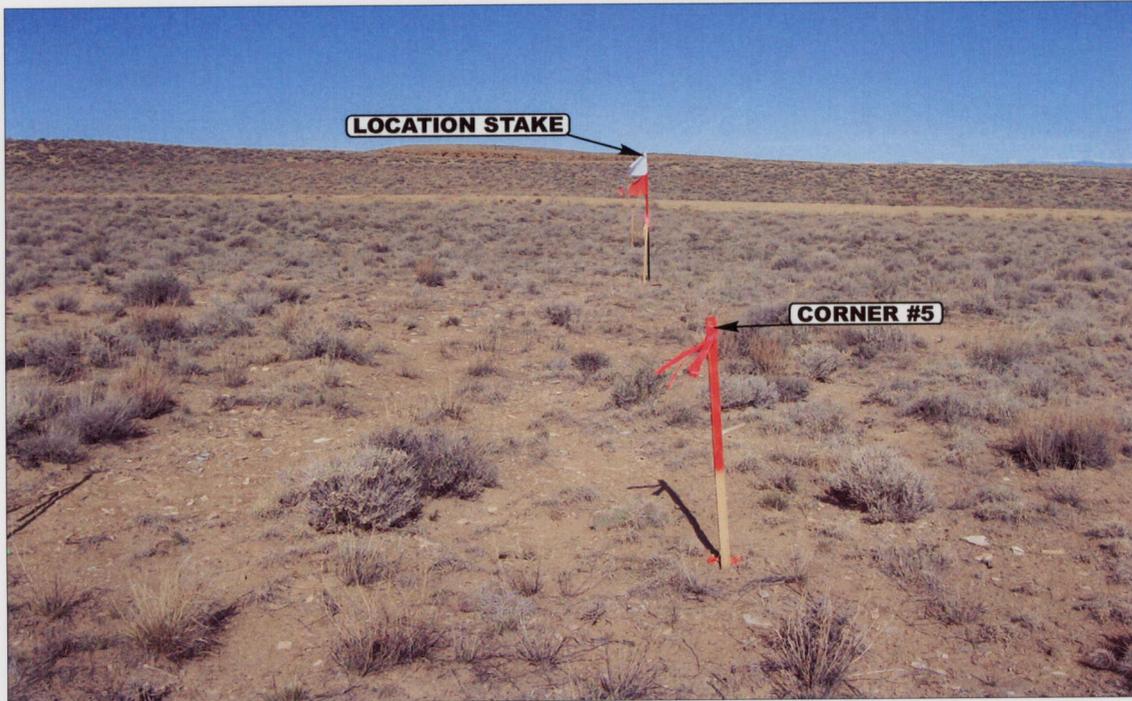


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

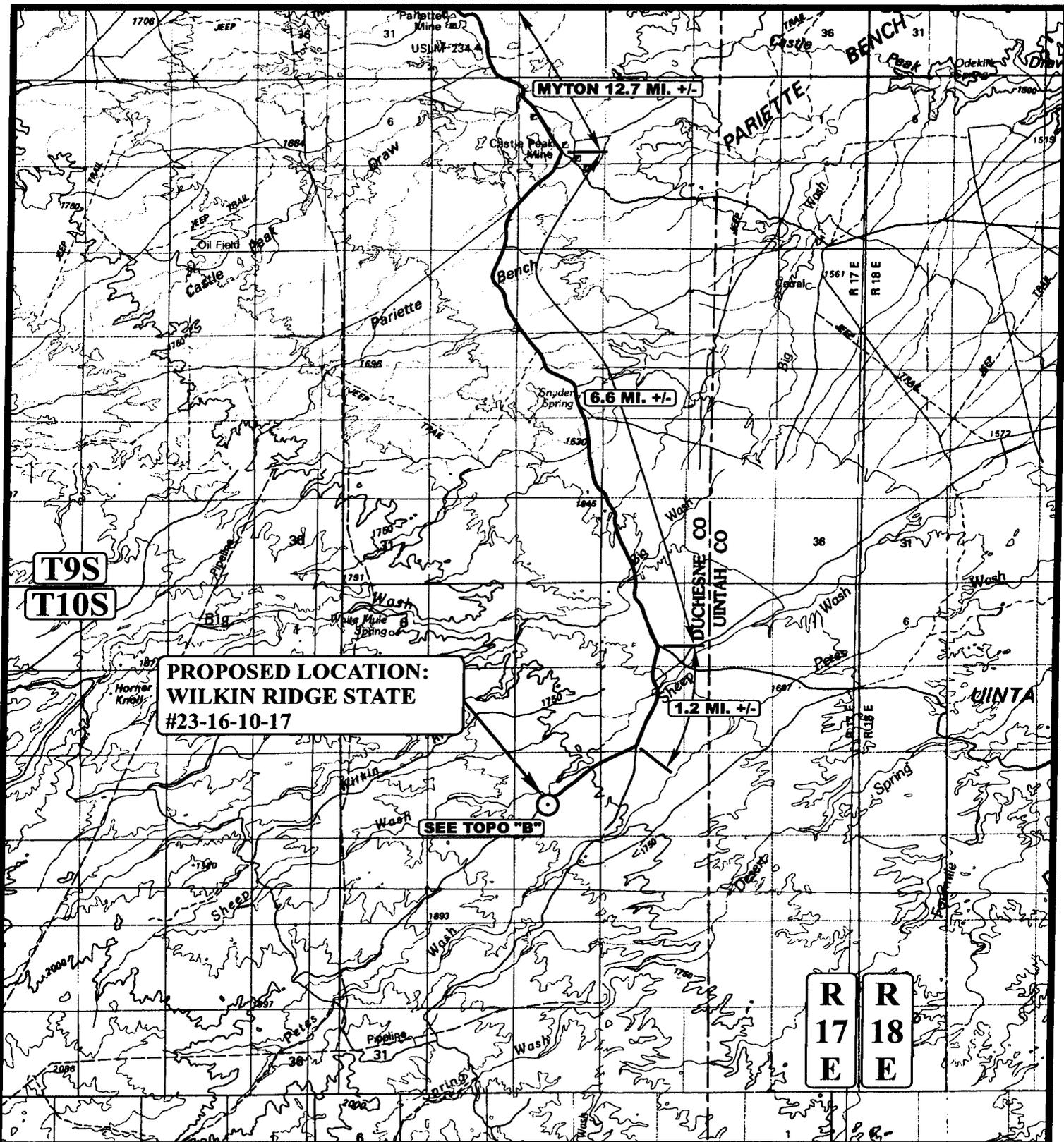
11 08 06
 MONTH DAY YEAR

PHOTO

TAKEN BY: J.W.

DRAWN BY: L.K.

REVISED: 03-26-07C.P.



LEGEND:

⊙ PROPOSED LOCATION

N



GASCO PRODUCTION COMPANY

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL



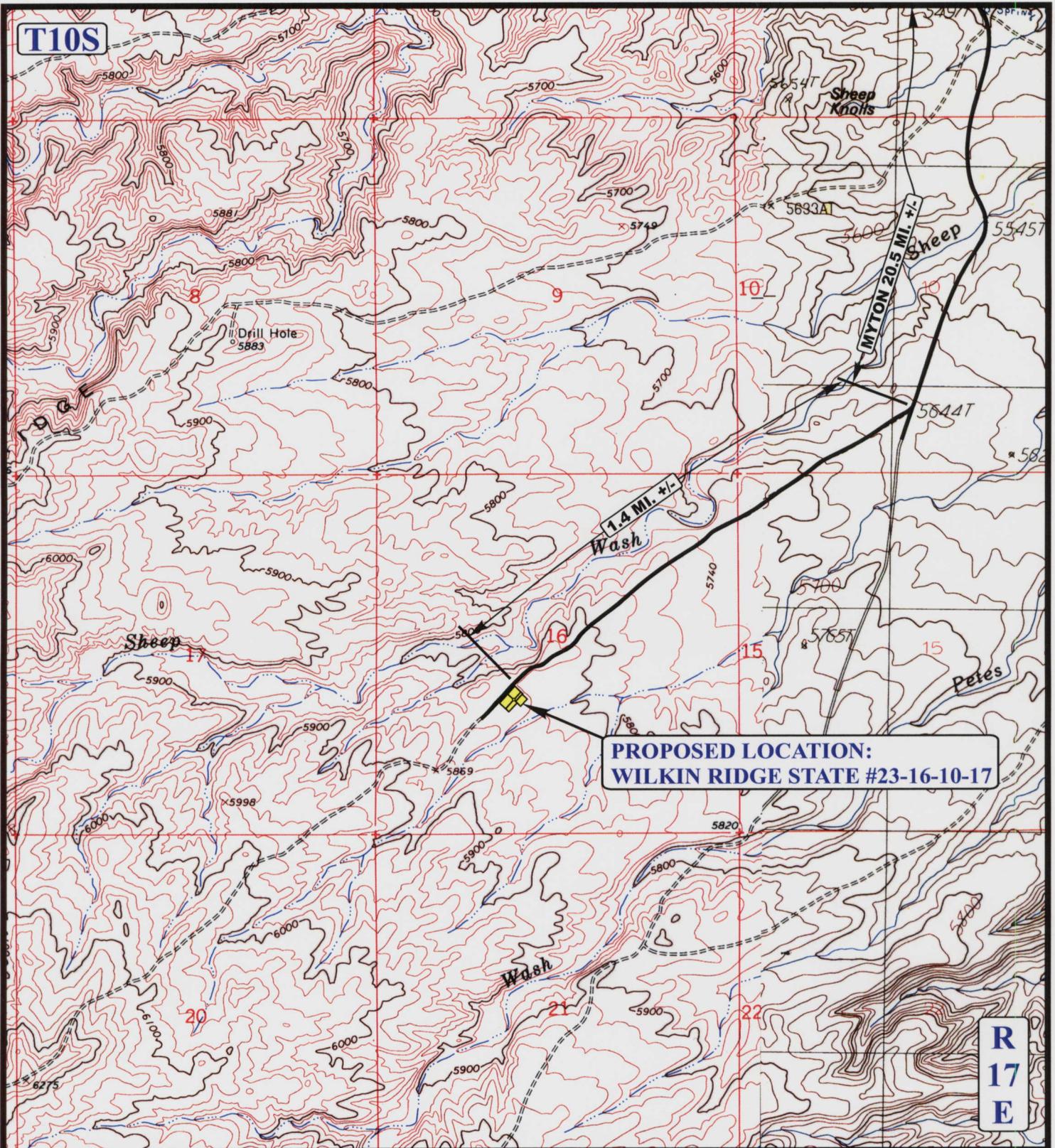
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 08 06
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 03-26-07C.P.





**PROPOSED LOCATION:
WILKIN RIDGE STATE #23-16-10-17**

**R
17
E**

LEGEND:

————— EXISTING ROAD

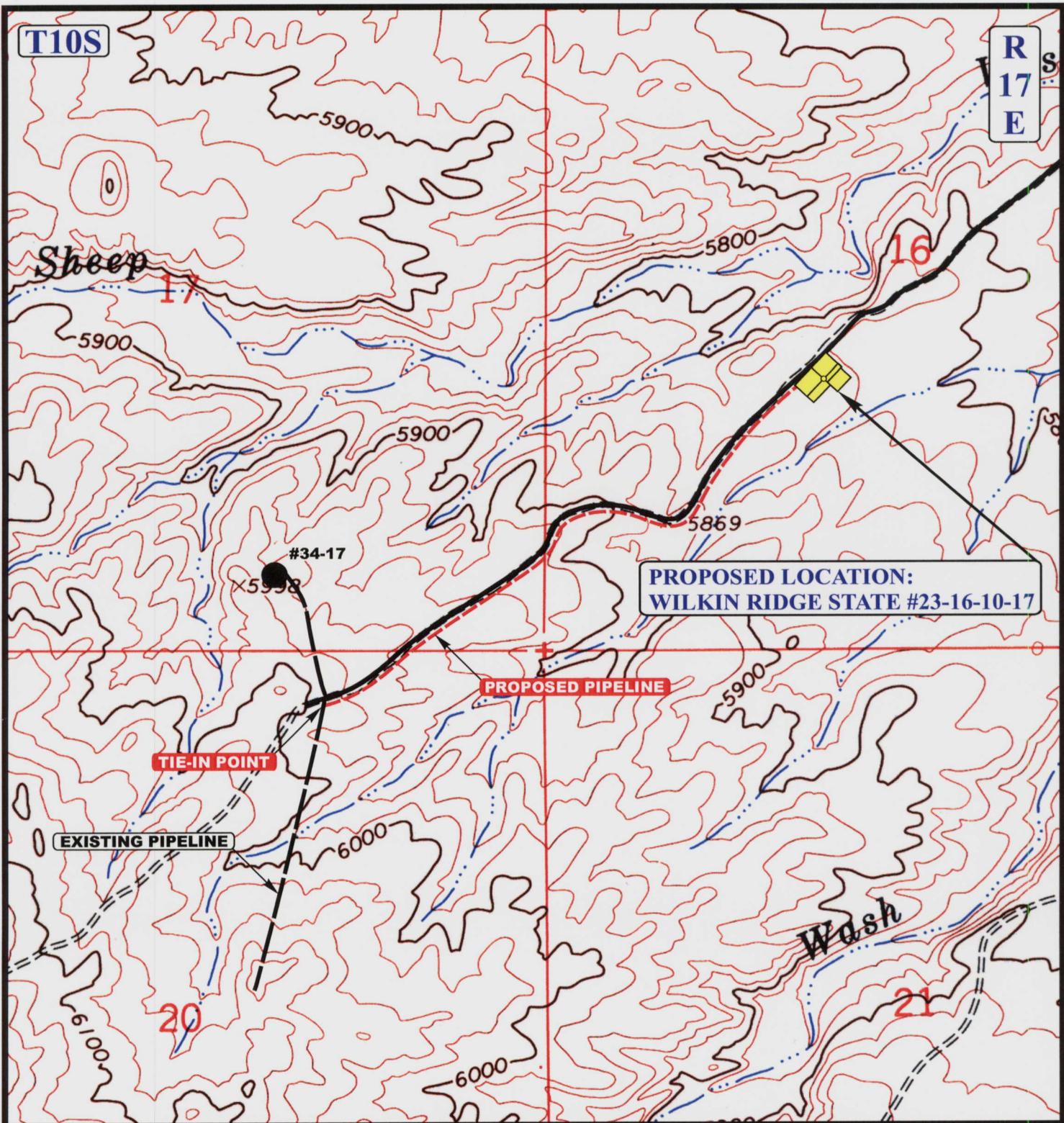


GASCO PRODUCTION COMPANY

**WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL**

U E L S 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" = 2000' DRAWN BY: L.K. REVISED: 03-26-07C.P. **B TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 4,500' +/-

LEGEND:

-  EXISTING PIPELINE
-  PROPOSED PIPELINE

GASCO PRODUCTION COMPANY

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL



Utah 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

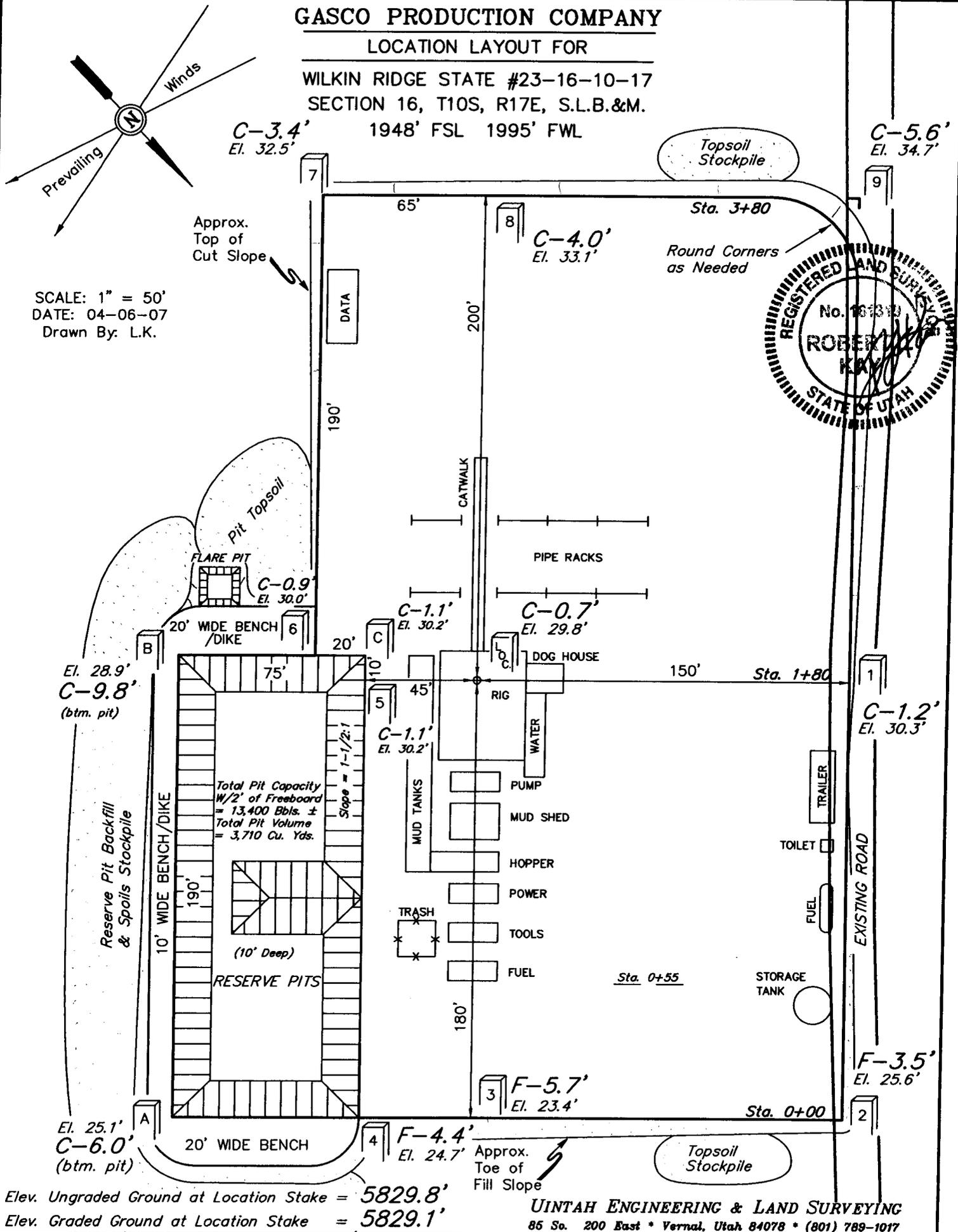
SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 03-26-07C.P.



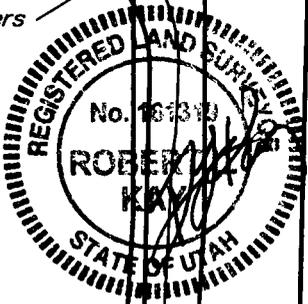
GASCO PRODUCTION COMPANY

LOCATION LAYOUT FOR

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL



SCALE: 1" = 50'
DATE: 04-06-07
Drawn By: L.K.



El. 28.9'
C-9.8'
(btm. pit)

Total Pit Capacity
W/2' of Freeboard
= 13,400 Bbls. ±
Total Pit Volume
= 3,710 Cu. Yds.

El. 25.1'
C-6.0'
(btm. pit)

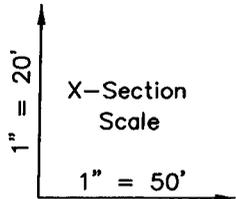
Elev. Ungraded Ground at Location Stake = 5829.8'
Elev. Graded Ground at Location Stake = 5829.1'

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

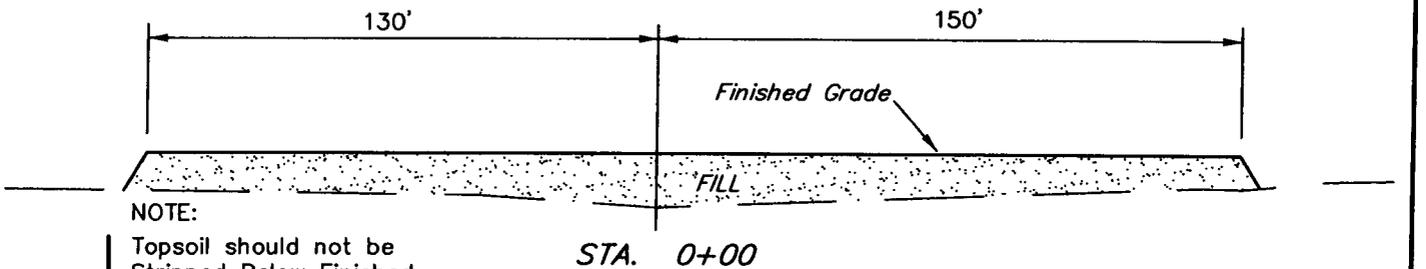
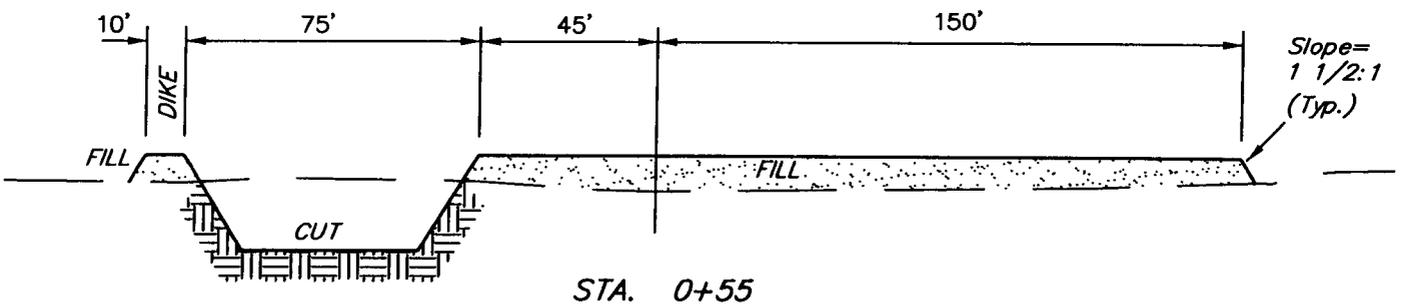
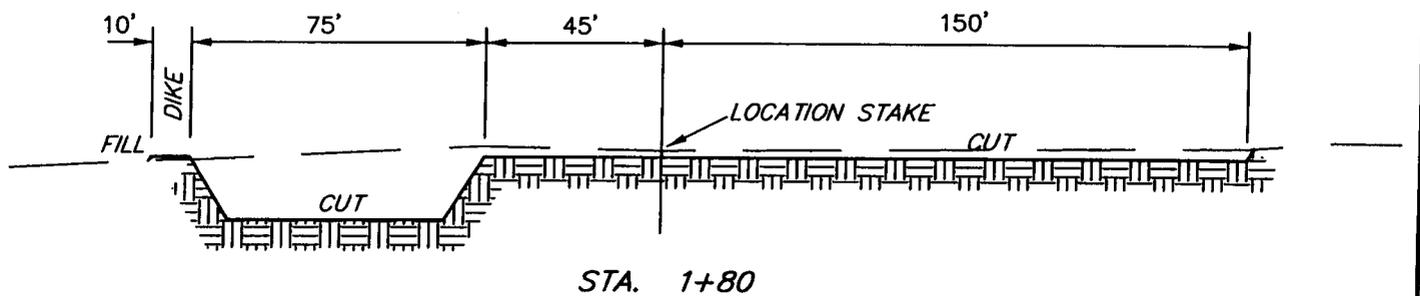
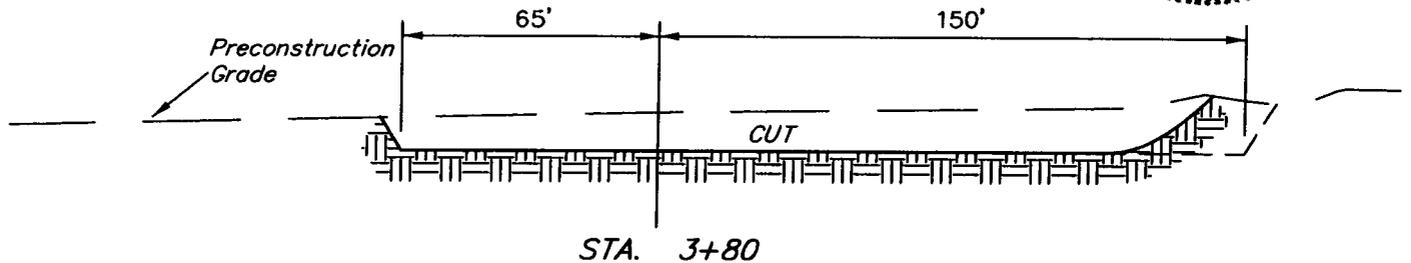
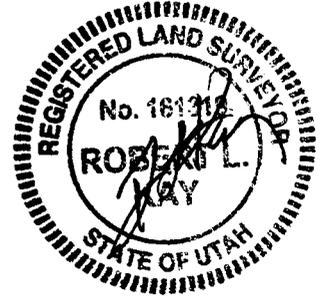
GASCO PRODUCTION COMPANY

TYPICAL CROSS SECTIONS FOR

WILKIN RIDGE STATE #23-16-10-17
SECTION 16, T10S, R17E, S.L.B.&M.
1948' FSL 1995' FWL



DATE: 04-06-07
Drawn By: L.K.



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,960 Cu. Yds.
Remaining Location	=	6,290 Cu. Yds.
TOTAL CUT	=	8,250 CU.YDS.
FILL	=	4,430 CU.YDS.

EXCESS MATERIAL	=	3,820 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,820 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48928
2. NAME OF OPERATOR: Gasco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		7. UNIT or CA AGREEMENT NAME: Wilkin Ridge
4. LOCATION OF WELL FOOTAGES AT SURFACE: ¹⁹⁴⁸ 148' FSL & 1995' FWL		8. WELL NAME and NUMBER: Wilkin Ridge State 23-16-10-17
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 16 10S 17E		9. API NUMBER: 4301333468
		10. FIELD AND POOL, OR WILDCAT: Undesignated
		COUNTY: Duchesne
		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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 (3/23/2008)

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

Date: 03-24-08
By: [Signature]

COPY SENT TO OPERATOR
Date: 3-24-2008
Initials: KS

NAME (PLEASE PRINT) <u>Beverly Walker</u>	TITLE <u>Engineering Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/17/2008</u>

(This space for State use only)

RECEIVED
MAR 21 2008

RESET

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

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

API: 4301333468
Well Name: Wilkin Ridge State 23-16-10-17
Location: NE SW of Sec 16-T10S-R17E Duchesne County, UT
Company Permit Issued to: Gasco Production Company
Date Original Permit Issued: 3/23/2007

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

[Handwritten Signature]
Signature

3/17/2008
Date

Title: Engineering Technician

Representing: Gasco Production Company

RECEIVED
MAR 21 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48928
2. NAME OF OPERATOR: Gasco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		7. UNIT or CA AGREEMENT NAME: Wilkin Ridge
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1948' FSL & 1995' FWL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 16 10S 17E STATE: UTAH		8. WELL NAME and NUMBER: Wilkin Ridge State 23-16-10-17
PHONE NUMBER: (303) 483-0044		9. API NUMBER: 4301333468
		10. FIELD AND POOL, OR WILDCAT: Undesignated

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 (3/24/2009)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-19-09

By: [Signature]

COPY SENT TO OPERATOR

Date: 3-26-2009

Initials: KS

RECEIVED
MAR 19 2009

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Jessica Berg</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/18/2009</u>

(This space for State use only)

RECEIVED

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

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

API: 4301333468
Well Name: Wilkin Ridge State 23-16-10-17
Location: NE SW of Sec 16-T10S-R17E Duchesne County, UT
Company Permit Issued to: Gasco Production Company
Date Original Permit Issued: 3/22/2007

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

Jessica Berg
Signature

3/18/2009
Date

Title: Production Clerk

Representing: Gasco Production Company

**RECEIVED
MAR 19 2009**



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

April 6, 2010

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

Re: APD Rescinded – Wilkin Ridge St 23-16-10-17, Sec. 16 T. 10S, R. 17E
Duchesne County, Utah API No. 43-013-33468

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 March 22, 2007. On March 24, 2008 and March 19, 2009, 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 April 6, 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