



3730 W. Pyramid Ct., Ste. 200
Englewood, CO 80117

Divisions of Oil, Gas, and Mining
Attn: Mr. John Baza
1594 West North Temple,
Suite 1210, P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Notice of Address Change, Merger and Name Change
Address Change effective **December 2, 2002**
Merger and Name Change effective **December 31, 2002**

Gentlemen:

1. Effective December 2, 2002, Phillips Petroleum Company will close its Englewood, Colorado Rocky Mountain Region office. After that time, all correspondence, notices and invoice for Land related matters should be directed to the address(es) noted below. Note that until December 31, 2002, all properties in which Phillips held an interest will continue to be operated by Phillips Petroleum Company, a wholly-owned subsidiary of ConocoPhillips.

2. On December 31, 2002, Phillips Petroleum Company and Conoco Inc. will merge, and the surviving corporation will be renamed "ConocoPhillips Company".

In accordance with the notice provisions of the Operating Agreements and other agreements, if any, between our companies, please adjust your company/organization records, effective for address purposes as of December 2, 2002, and for company name purposes, as of January 1, 2003, to reflect the following information for addressing and delivery of notices, invoicing and payment, and communications with ConocoPhillips Company. This will also apply to Lease Sale notices and other lease-related correspondence and notifications.

U.S. Mail Address:

ConocoPhillips Company
P.O. Box 2197
Houston, Texas 77252
Attn: Chief Landman,
San Juan/Rockies

Physical Address & Overnight Delivery:

ConocoPhillips Company
550 Westlake Park Blvd.
Three Westlake Park
3WL, Room WL 9000
Houston, Texas 77079
Attn: Chief Landman,
San Juan/Rockies

All ballots and official notices/responses sent by facsimile transmission should be sent to the following contact:

Attn: Chief Landman,
San Juan/Rockies

Fax No.: 832-486-2688 or
832-486-2687

Please contact the undersigned immediately if you have any questions. This notice does not apply to royalty inquiries, joint interest billings, or revenue remittances. Please continue to use the same addresses you are currently using for these matters

Sincerely, *William Rainbat*

RECEIVED

DEC 02 2002

DIVISION OF
OIL, GAS AND MINING

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 type="checkbox"/> OTHER <u>All</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 980 Plaza Office CITY Bartlesville STATE OK ZIP 74004		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (918) 661-4415		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		9. API NUMBER: See List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

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

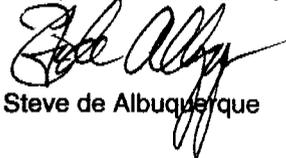
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/>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

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

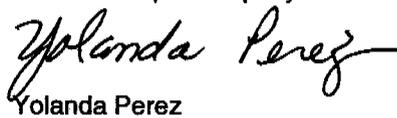
Conoco Inc. was merged into Phillips Petroleum Company, the surviving corporation, on December 31, 2002. In connection with this merger and effective on the same date, the name of the surviving corporation was changed to "ConocoPhillips Company". We are requesting that a new Operator Number be assigned to ConocoPhillips Company.

Please send production reporting forms to Herb Henderson at ConocoPhillips Company, 315 S. Johnstone, 980 Plaza Office, Bartlesville, OK 74004. Herb's phone number is 918-661-4415.

Current Operator
Phillips Petroleum Company


Steve de Albuquerque

New Operator
ConocoPhillips Company


Yolanda Perez

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JAN 08 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Yolanda Perez</u>	TITLE <u>Sr. Regulatory Analyst</u>
SIGNATURE 	DATE <u>12/30/2002</u>

(This space for State use only)

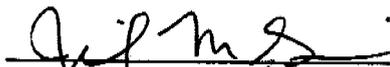


SECRETARY'S CERTIFICATE

I, the undersigned, Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, formerly Phillips Petroleum Company, organized and existing under and by virtue of the laws of the State of Delaware (the "Corporation"), hereby certify that:

1. As Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation.
2. The attached photocopy of the Certificate of Amendment to the Restated Certificate of Incorporation of Phillips Petroleum Company (to be renamed ConocoPhillips Company) is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12th day of December 2002, with an effective date of January 1, 2003 and such Certificate of Amendment has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.
3. The attached photocopy of the Certificate of Merger of Conoco Inc. with and into ConocoPhillips Company is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12th day of December 2002, with an effective date of December 31, 2002 and such Certificate of Merger has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of the Corporation this 7th day of January 2003.

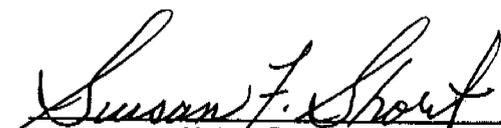

 Assistant Secretary
 ConocoPhillips Company

STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.



RECEIVED
 JAN 08 2003


 Notary Public

Delaware

PAGE 1

The First State

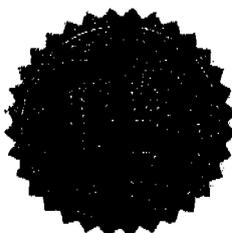
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:41 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11 O'CLOCK P.M.

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JAN 08 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183360

0064324 8100

030002793

DATE: 01-02-03

CERTIFICATE OF AMENDMENT

to the

RESTATED CERTIFICATE OF INCORPORATION

of

**PHILLIPS PETROLEUM COMPANY
(to be renamed ConocoPhillips Company)**

Phillips Petroleum Company ("Phillips"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "DGCL"), hereby certifies that:

1. The amendments to Phillips' Restated Certificate of Incorporation set forth below were duly adopted in accordance with the provisions of Section 242 of the DGCL and have been consented to in writing by the sole stockholder of Phillips in accordance with Section 228 of the DGCL.

2. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Article I thereof and replacing in lieu thereof a new Article I reading in its entirety as follows:

"The name of the corporation (which is hereinafter referred to as the "Corporation") is ConocoPhillips Company."

3. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Section 1 of Article IV thereof and replacing in lieu thereof a new Section 1 reading in its entirety as follows:

"Section 1. The Corporation shall be authorized to issue 2,100 shares of capital stock, of which 2,100 shares shall be shares of Common Stock, \$.01 par value ("Common Stock")."

4. Pursuant to Section 103(d) of the DGCL, this amendment will become effective at 11:00 p.m., Eastern time, on December 31, 2002.

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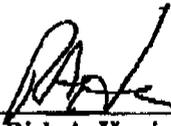
JAN 08 2003

DIV. OF OIL, GAS & MINING

IN WITNESS WHEREOF, Phillips has caused this certificate to be executed this 12th day of December, 2002.

PHILLIPS PETROLEUM COMPANY

WJ

By: 
Name: Rick A. Harrington
Title: Senior Vice President, Legal,
and General Counsel

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JAN 08 2003
DIV. OF OIL, GAS & MINING

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CONOCO INC.", A DELAWARE CORPORATION,

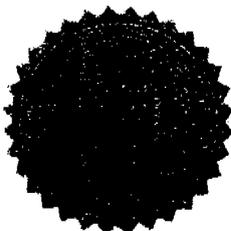
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183370

0064324 8100M

030002793

DATE: 01-02-03

CERTIFICATE OF MERGER

of

Conoco Inc.
(a Delaware corporation)

with and into

ConocoPhillips Company
(a Delaware corporation)

Phillips Petroleum Company, a Delaware corporation to be renamed ConocoPhillips Company prior to the effective time of this certificate of merger (the "Surviving Corporation"), in compliance with the requirements of the General Corporation Law of the State of Delaware (the "DGCL") and desiring to effect a merger of Conoco Inc., a Delaware corporation formerly incorporated under the name Du Pont Holdings, Inc. (the "Merging Corporation" and together with the Surviving Corporation, the "Constituent Corporations"), with and into the Surviving Corporation, and acting by its duly authorized officer, DOES HEREBY CERTIFY that:

First: As of the date hereof, the name and state of incorporation of each of the Constituent Corporations of the merger are as follows:

<u>NAME</u>	<u>STATE OF INCORPORATION</u>
PHILLIPS PETROLEUM COMPANY	Delaware
CONOCO INC.	Delaware

Second: An agreement and plan of merger has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with the requirements of Section 251 of the DGCL;

Third: The name of the Surviving Corporation will be ConocoPhillips Company;

Fourth: The Certificate of Incorporation of ConocoPhillips Company immediately prior to the merger shall be the Certificate of Incorporation of the Surviving Corporation until such time as it may be amended in accordance with applicable law and the provisions thereof;

Fifth: The executed agreement and plan of merger is on file at an office of the Surviving Corporation, the address of which is 600 North Dairy Ashford, Houston, Texas 77079;

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JAN 08 2003

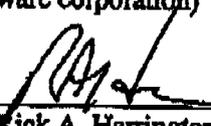
DIV. OF OIL, GAS & MINING

Sixth: A copy of the agreement and plan of merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any Constituent Corporation; and

Seventh: Pursuant to Section 103(d) of the DGCL, this certificate of merger will become effective at 11:59 p.m., Eastern time, on December 31, 2002.

Dated: December 12, 2002

PHILLIPS PETROLEUM COMPANY
(a Delaware corporation)

By: 
Name: Rick A. Harrington
Title: Senior Vice President, Legal,
and General Counsel

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JAN 08 2003
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF COMMERCE
REGISTRATION

CONOCOPHILLIPS COMPANY

EFFECTIVE
06/14/1946

EXPIRATION
*RENEWAL

REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

562960-0143
Corporation - Foreign - Profit

UNITED STATES CORP CO
CONOCOPHILLIPS COMPANY
GATEWAY TOWER EAST STE 900
10 EAST SOUTH TEMPLE
SLC UT 84133

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JAN 08 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF COMMERCE
DIVISION OF CORPORATIONS & COMMERCIAL CODE
REGISTRATION

EFFECTIVE DATE: 06/14/1946
EXPIRATION DATE: *RENEWAL
ISSUED TO: CONOCOPHILLIPS COMPANY



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

562960-0143 Corporation - Foreign - Profit

*RENEWAL

You will need to renew your registration each anniversary date of the effective date.

Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30887-00-00	ANDREEN 32-529	Gas Well	APD	32	14	S	10	E
43-007-30865-00-00	COTNER 29-549	Gas Well	APD	29	14	S	10	E
43-007-30837-00-00	DALLIN 32-615	Gas Well	APD	32	13	S	9	E
43-047-34551-00-00	FED 43-24-3 #1	Gas Well	APD	24	10	S	17	E
43-047-33982-00-00	FEDERAL 12-17 #1	Gas Well	APD	17	10	S	18	E
43-047-34471-00-00	FEDERAL 12-29-7 1	Gas Well	APD	29	9	S	19	E
43-047-34472-00-00	FEDERAL 31-31-6 1	Gas Well	APD	31	9	S	19	E
43-007-30864-00-00	MCKENDRICK 29-548	Gas Well	APD	29	14	S	10	E
43-015-30512-00-00	PPCO 19-379	Gas Well	APD	19	16	S	9	E
43-015-30515-00-00	PPCO 24-562	Gas Well	APD	24	16	S	8	E
43-015-30548-00-00	PPCO 30-605	Gas Well	APD	30	16	S	9	E
43-007-30888-00-00	PRICE 32-438	Gas Well	APD	32	14	S	10	E
43-007-30813-00-00	RITZAKIS 33-514	Gas Well	APD	33	13	S	9	E
43-007-30766-00-00	RITZAKIS 33-516	Gas Well	APD	33	13	S	9	E
43-007-30838-00-00	ROWLEY 32-616	Gas Well	APD	32	13	S	9	E
43-007-30863-00-00	SCHMIDT 29-531	Gas Well	APD	29	14	S	10	E
43-007-30797-00-00	SEELY 15-498	Gas Well	APD	15	14	S	8	E
43-007-30798-00-00	SEELY 15-499	Gas Well	APD	15	14	S	8	E
43-007-30799-00-00	SEELY 15-500	Gas Well	APD	15	14	S	8	E
43-007-30796-00-00	SEELY 22-492	Gas Well	APD	22	14	S	8	E
43-007-30801-00-00	SEELY 22-502	Gas Well	APD	22	14	S	8	E
43-007-30802-00-00	SEELY 22-503	Gas Well	APD	22	14	S	8	E
43-007-30711-00-00	USA 09-452	Gas Well	APD	9	15	S	8	E
43-015-30351-00-00	USA 11-313	Gas Well	APD	11	16	S	9	E
43-015-30398-00-00	USA 12-385	Gas Well	APD	12	16	S	9	E
43-015-30409-00-00	USA 12-426	Gas Well	APD	12	16	S	9	E
43-007-30805-00-00	USA 14-490	Gas Well	APD	14	14	S	8	E
43-007-30806-00-00	USA 14-491	Gas Well	APD	14	14	S	8	E
43-007-30676-00-00	USA 15-421	Gas Well	APD	15	15	S	8	E
43-015-30417-00-00	USA 21-427	Gas Well	APD	21	16	S	9	E
43-015-30416-00-00	USA 21-428	Gas Well	APD	21	16	S	9	E
43-015-30415-00-00	USA 21-429	Gas Well	APD	21	16	S	9	E
43-007-30515-00-00	USA 31-309	Gas Well	APD	31	15	S	10	E
43-007-30835-00-00	USA 33-515	Gas Well	APD	33	13	S	9	E
43-007-30836-00-00	USA 33-624	Gas Well	APD	33	13	S	9	E
43-007-30803-00-00	USA 34-518	Gas Well	APD	34	14	S	8	E
43-007-30478-00-00	UTAH 05-224	Gas Well	APD	5	15	S	9	E
43-015-30411-00-00	UTAH 16-365	Gas Well	APD	16	16	S	9	E
43-015-30412-00-00	UTAH 16-366	Gas Well	APD	16	16	S	9	E
43-015-30413-00-00	UTAH 16-430	Gas Well	APD	16	16	S	9	E
43-015-30299-00-00	UTAH 18-374	Gas Well	APD	18	16	S	9	E
43-015-30420-00-00	UTAH 19-377	Gas Well	APD	19	16	S	9	E
43-015-30492-00-00	UTAH 19-378	Gas Well	APD	19	16	S	9	E
43-007-30891-00-00	UTAH 19-533	Gas Well	APD	19	14	S	10	E
43-015-30414-00-00	UTAH 20-381	Gas Well	APD	20	16	S	9	E
43-015-30421-00-00	UTAH 20-382	Gas Well	APD	20	16	S	9	E
43-015-30518-00-00	UTAH 25-576	Gas Well	APD	25	16	S	8	E
43-015-30539-00-00	UTAH 25-578	Gas Well	APD	25	16	S	8	E
43-015-30540-00-00	UTAH 25-579	Gas Well	APD	25	16	S	8	E
43-007-30817-00-00	UTAH 25-618	Gas Well	APD	25	13	S	9	E
43-015-30543-00-00	UTAH 26-582	Gas Well	APD	26	16	S	8	E
43-015-30547-00-00	UTAH 29-608	Gas Well	APD	29	16	S	9	E
43-007-30889-00-00	UTAH 32-128	Gas Well	APD	32	14	S	10	E
43-007-30814-00-00	UTAH 35-506	Gas Well	APD	35	13	S	9	E

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-047-33750-00-00	FEDERAL 34-29	Gas Well	P	29	9	S	19	E
43-007-30782-00-00	GAROFOLA 26-482	Gas Well	P	26	15	S	8	E
43-007-30335-00-00	GIACOLETTO 11-113	Gas Well	P	11	14	S	9	E
43-007-30407-00-00	GIACOLETTO 13-120	Gas Well	P	13	14	S	9	E
43-007-30345-00-00	GIACOLETTO 14-121	Gas Well	P	14	14	S	9	E
43-007-30487-00-00	HELPER & ASSOC 07-307	Gas Well	P	7	15	S	9	E
43-007-30459-00-00	HELPER & ASSOC 18-236	Gas Well	P	18	15	S	9	E
43-007-30720-00-00	HELPER & ASSOC 18-308	Gas Well	P	18	15	S	9	E
43-007-30412-00-00	HELPER & ASSOC 8-232	Gas Well	P	8	15	S	9	E
43-007-30258-00-00	HELPER & ASSOCIATES 7-84	Gas Well	P	7	15	S	9	E
43-007-30588-00-00	JENSEN 16-132	Gas Well	P	16	15	S	10	E
43-007-30420-00-00	KAKATSIDES 31-197	Gas Well	P	31	14	S	9	E
43-007-30296-00-00	LDS 17-133	Gas Well	P	17	15	S	10	E
43-007-30323-00-00	PAAR 16-146	Gas Well	P	16	14	S	9	E
43-047-34286-00-00	PETES WASH 23-12 #1	Gas Well	P	12	10	S	17	E
43-007-30748-00-00	PIERUCCI 25-461	Gas Well	P	25	15	S	8	E
43-007-30749-00-00	PIERUCCI 25-462	Gas Well	P	25	15	S	8	E
43-007-30754-00-00	PIERUCCI 26-463	Gas Well	P	26	15	S	8	E
43-007-30755-00-00	PIERUCCI 26-464	Gas Well	P	26	15	S	8	E
43-007-30745-00-00	PIERUCCI 26-481	Gas Well	P	26	15	S	8	E
43-007-30117-00-00	PINNACLE PEAK 19-171	Gas Well	P	19	14	S	9	E
43-007-30845-00-00	PMC 10-526	Gas Well	P	10	15	S	8	E
43-007-30282-00-00	POWELL 19-104	Gas Well	P	19	15	S	10	E
43-007-30283-00-00	POWELL 19-105	Gas Well	P	19	15	S	10	E
43-007-30346-00-00	POWELL 30-173	Gas Well	P	30	15	S	10	E
43-015-30279-00-00	PPCO 10-557	Gas Well	P	10	16	S	8	E
43-015-30494-00-00	PPCO 15-555	Gas Well	P	15	16	S	8	E
43-007-30211-00-00	PRETTYMAN 10-15-34	Gas Well	P	10	14	S	9	E
43-007-30340-00-00	PRETTYMAN 11-114	Gas Well	P	11	14	S	9	E
43-007-30653-00-00	RGC 21-331	Gas Well	P	21	15	S	9	E
43-007-30743-00-00	RGC 21-332	Gas Well	P	21	15	S	9	E
43-007-30747-00-00	RGC 25-460	Gas Well	P	25	15	S	8	E
43-007-30559-00-00	RGC 28-318	Gas Well	P	28	15	S	9	E
43-007-30518-00-00	RGC 28-319	Gas Well	P	28	15	S	9	E
43-007-30509-00-00	RITZAKIS 03-408	Gas Well	P	3	14	S	9	E
43-007-30473-00-00	RITZAKIS 5-304	Gas Well	P	5	14	S	9	E
43-007-30474-00-00	RITZAKIS 5-305	Gas Well	P	5	14	S	9	E
43-007-30475-00-00	RITZAKIS 8-298	Gas Well	P	8	14	S	9	E
43-007-30479-00-00	RITZAKIS 8-299	Gas Well	P	8	14	S	9	E
43-007-30476-00-00	RITZAKIS 8-300	Gas Well	P	8	14	S	9	E
43-007-30374-00-00	ROBERTSON 32-127	Gas Well	P	32	14	S	10	E
43-007-30610-00-00	SAMPINOS 16-131	Gas Well	P	16	15	S	10	E
43-007-30723-00-00	SAMPINOS 16-454	Gas Well	P	16	15	S	10	E
43-007-30765-00-00	SAMPINOS 16-521	Gas Well	P	16	15	S	10	E
43-007-30800-00-00	SEELY 22-501	Gas Well	P	22	14	S	8	E
43-007-30130-00-00	ST OF UT 25-9-1	Gas Well	P	25	14	S	9	E
43-007-30142-00-00	ST OF UT 36-3-4	Gas Well	P	36	14	S	9	E
43-007-30116-00-00	STELLA-HAMAKER 10-174	Gas Well	P	10	15	S	8	E
43-007-30746-00-00	TABOR 23-468	Gas Well	P	23	15	S	8	E
43-007-30319-00-00	TELONIS 15-142	Gas Well	P	15	14	S	9	E
43-007-30322-00-00	TELONIS 16-145	Gas Well	P	16	14	S	9	E
43-007-30300-00-00	TELONIS 19-150	Gas Well	P	19	14	S	9	E
43-007-30299-00-00	TELONIS 19-151	Gas Well	P	19	14	S	9	E
43-007-30327-00-00	TELONIS 20-152	Gas Well	P	20	14	S	9	E

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30631-00-00	USA 13-419	Gas Well	P	13	15	S	8	E
43-007-30707-00-00	USA 13-447	Gas Well	P	13	14	S	8	E
43-007-30706-00-00	USA 13-470	Gas Well	P	13	14	S	8	E
43-007-30789-00-00	USA 13-474	Gas Well	P	13	14	S	8	E
43-007-30790-00-00	USA 13-475	Gas Well	P	13	14	S	8	E
43-007-30568-00-00	USA 13-91	Gas Well	P	13	14	S	9	E
43-007-30404-00-00	USA 14-122	Gas Well	P	14	14	S	9	E
43-015-30418-00-00	USA 1-425	Gas Well	P	1	16	S	9	E
43-007-30579-00-00	USA 14-325	Gas Well	P	14	15	S	8	E
43-007-30634-00-00	USA 14-386	Gas Well	P	14	15	S	8	E
43-007-30646-00-00	USA 14-416	Gas Well	P	14	15	S	8	E
43-007-30647-00-00	USA 14-417	Gas Well	P	14	15	S	8	E
43-007-30791-00-00	USA 14-476	Gas Well	P	14	14	S	8	E
43-007-30792-00-00	USA 14-477	Gas Well	P	14	14	S	8	E
43-007-30529-00-00	USA 14-74	Gas Well	P	14	14	S	9	E
43-007-30263-00-00	USA 14-75	Gas Well	P	14	14	S	9	E
43-007-30450-00-00	USA 15-176	Gas Well	P	15	14	S	9	E
43-007-30423-00-00	USA 15-177	Gas Well	P	15	14	S	9	E
43-007-30690-00-00	USA 15-420	Gas Well	P	15	15	S	8	E
43-007-30691-00-00	USA 15-422	Gas Well	P	15	15	S	8	E
43-007-30264-00-00	USA 15-88	Gas Well	P	15	14	S	9	E
43-007-30422-00-00	USA 17-179	Gas Well	P	17	14	S	9	E
43-007-30622-00-00	USA 17-180A	Gas Well	P	17	14	S	9	E
43-007-30618-00-00	USA 18-181	Gas Well	P	18	14	S	9	E
43-007-30417-00-00	USA 18-182	Gas Well	P	18	14	S	9	E
43-007-30619-00-00	USA 18-435	Gas Well	P	18	14	S	9	E
43-007-30393-00-00	USA 19-222	Gas Well	P	19	15	S	10	E
43-007-30392-00-00	USA 19-73	Gas Well	P	19	15	S	10	E
43-007-30448-00-00	USA 20-287	Gas Well	P	20	15	S	10	E
43-007-30451-00-00	USA 20-288	Gas Well	P	20	15	S	10	E
43-007-30590-00-00	USA 20-398	Gas Well	P	20	15	S	10	E
43-007-30591-00-00	USA 20-399	Gas Well	P	20	15	S	10	E
43-007-30424-00-00	USA 21-184	Gas Well	P	21	14	S	9	E
43-007-30425-00-00	USA 21-35	Gas Well	P	21	14	S	9	E
43-007-30426-00-00	USA 22-185	Gas Well	P	22	14	S	9	E
43-007-30477-00-00	USA 22-186	Gas Well	P	22	14	S	9	E
43-007-30700-00-00	USA 22-466	Gas Well	P	22	15	S	8	E
43-007-30611-00-00	USA 23-423	Gas Well	P	23	14	S	8	E
43-007-30650-00-00	USA 23-445	Gas Well	P	23	15	S	8	E
43-007-30704-00-00	USA 23-451	Gas Well	P	23	15	S	8	E
43-007-30503-00-00	USA 23-467	Gas Well	P	23	15	S	8	E
43-007-30793-00-00	USA 23-478	Gas Well	P	23	14	S	8	E
43-007-30794-00-00	USA 23-479	Gas Well	P	23	14	S	8	E
43-007-30795-00-00	USA 23-480	Gas Well	P	23	14	S	8	E
43-007-30469-00-00	USA 24-183	Gas Well	P	24	14	S	8	E
43-007-30612-00-00	USA 24-387	Gas Well	P	24	14	S	8	E
43-007-30613-00-00	USA 24-388	Gas Well	P	24	14	S	8	E
43-007-30651-00-00	USA 24-443	Gas Well	P	24	15	S	8	E
43-007-30648-00-00	USA 24-444	Gas Well	P	24	15	S	8	E
43-007-30708-00-00	USA 24-446	Gas Well	P	24	14	S	8	E
43-007-30652-00-00	USA 24-448	Gas Well	P	24	15	S	8	E
43-007-30705-00-00	USA 24-449	Gas Well	P	24	15	S	8	E
43-007-30505-00-00	USA 25-459	Gas Well	P	25	15	S	8	E
43-007-30614-00-00	USA 26-393	Gas Well	P	26	14	S	8	E

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30430-00-00	UTAH 06-223	Gas Well	P	6	15	S	9	E
43-007-30562-00-00	UTAH 06-330	Gas Well	P	6	15	S	9	E
43-007-30716-00-00	UTAH 06-483	Gas Well	P	6	15	S	9	E
43-007-30409-00-00	UTAH 07-234	Gas Well	P	7	15	S	9	E
43-007-30421-00-00	UTAH 07-235	Gas Well	P	7	15	S	9	E
43-007-30411-00-00	UTAH 08-231	Gas Well	P	8	15	S	9	E
43-007-30488-00-00	UTAH 08-233	Gas Well	P	8	15	S	9	E
43-015-30464-00-00	UTAH 08-354	Gas Well	P	8	16	S	9	E
43-015-30378-00-00	UTAH 08-355	Gas Well	P	8	16	S	9	E
43-015-30379-00-00	UTAH 08-356	Gas Well	P	8	16	S	9	E
43-015-30380-00-00	UTAH 08-357	Gas Well	P	8	16	S	9	E
43-007-30449-00-00	UTAH 09-227	Gas Well	P	9	15	S	9	E
43-007-30561-00-00	UTAH 09-329	Gas Well	P	9	15	S	9	E
43-015-30300-00-00	UTAH 09-358	Gas Well	P	9	16	S	9	E
43-015-30407-00-00	UTAH 09-359	Gas Well	P	9	16	S	9	E
43-015-30397-00-00	UTAH 09-360	Gas Well	P	9	16	S	9	E
43-015-30408-00-00	UTAH 09-361	Gas Well	P	9	16	S	9	E
43-007-30580-00-00	UTAH 09-412	Gas Well	P	9	15	S	10	E
43-007-30605-00-00	UTAH 09-413	Gas Well	P	9	15	S	10	E
43-007-30657-00-00	UTAH 09-450	Gas Well	P	9	15	S	10	E
43-007-30722-00-00	UTAH 09-453	Gas Well	P	9	15	S	10	E
43-007-30302-00-00	UTAH 10-01-36	Gas Well	P	10	15	S	9	E
43-007-30298-00-00	UTAH 10-219	Gas Well	P	10	15	S	9	E
43-007-30432-00-00	UTAH 10-220	Gas Well	P	10	15	S	9	E
43-007-30303-00-00	UTAH 10-221	Gas Well	P	10	15	S	9	E
43-007-30228-00-00	UTAH 11-50	Gas Well	P	11	15	S	9	E
43-007-30229-00-00	UTAH 11-51	Gas Well	P	11	15	S	9	E
43-007-30230-00-00	UTAH 11-52	Gas Well	P	11	15	S	9	E
43-007-30231-00-00	UTAH 11-53	Gas Well	P	11	15	S	9	E
43-007-30467-00-00	UTAH 1-209	Gas Well	P	1	15	S	8	E
43-007-30210-00-00	UTAH 12-15-37	Gas Well	P	12	15	S	9	E
43-007-30232-00-00	UTAH 12-54	Gas Well	P	12	15	S	9	E
43-007-30233-00-00	UTAH 12-55	Gas Well	P	12	15	S	9	E
43-007-30234-00-00	UTAH 12-56	Gas Well	P	12	15	S	9	E
43-015-30493-00-00	UTAH 13-376	Gas Well	P	13	16	S	8	E
43-015-30301-00-00	UTAH 13-550	Gas Well	P	13	16	S	8	E
43-007-30243-00-00	UTAH 13-65	Gas Well	P	13	15	S	9	E
43-007-30244-00-00	UTAH 13-66	Gas Well	P	13	15	S	9	E
43-007-30245-00-00	UTAH 13-67	Gas Well	P	13	15	S	9	E
43-007-30246-00-00	UTAH 13-68	Gas Well	P	13	15	S	9	E
43-007-30439-00-00	UTAH 13-92	Gas Well	P	13	14	S	9	E
43-007-30220-00-00	UTAH 1-42	Gas Well	P	1	15	S	9	E
43-007-30221-00-00	UTAH 1-43	Gas Well	P	1	15	S	9	E
43-007-30222-00-00	UTAH 1-44	Gas Well	P	1	15	S	9	E
43-007-30223-00-00	UTAH 1-45	Gas Well	P	1	15	S	9	E
43-015-30330-00-00	UTAH 14-551	Gas Well	P	14	16	S	8	E
43-015-30331-00-00	UTAH 14-552	Gas Well	P	14	16	S	8	E
43-007-30239-00-00	UTAH 14-61	Gas Well	P	14	15	S	9	E
43-007-30240-00-00	UTAH 14-62	Gas Well	P	14	15	S	9	E
43-007-30241-00-00	UTAH 14-63	Gas Well	P	14	15	S	9	E
43-007-30242-00-00	UTAH 14-64	Gas Well	P	14	15	S	9	E
43-015-30334-00-00	UTAH 15-553	Gas Well	P	15	16	S	8	E
43-007-30416-00-00	UTAH 17-101	Gas Well	P	17	15	S	10	E
43-007-30277-00-00	UTAH 17-102	Gas Well	P	17	15	S	10	E

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twprd	Rngn	Rngd
43-007-30255-00-00	UTAH 24-80	Gas Well	P	24	15	S	9	E
43-007-30256-00-00	UTAH 24-81	Gas Well	P	24	15	S	9	E
43-007-30267-00-00	UTAH 24-86	Gas Well	P	24	15	S	9	E
43-007-30375-00-00	UTAH 24-87	Gas Well	P	24	15	S	9	E
43-007-30227-00-00	UTAH 2-49	Gas Well	P	2	15	S	9	E
43-007-30157-00-00	UTAH 25-11-7	Gas Well	P	25	14	S	9	E
43-007-30399-00-00	UTAH 25-134	Gas Well	P	25	15	S	9	E
43-007-30400-00-00	UTAH 25-252	Gas Well	P	25	15	S	9	E
43-007-30401-00-00	UTAH 25-253	Gas Well	P	25	15	S	9	E
43-007-30402-00-00	UTAH 25-254	Gas Well	P	25	15	S	9	E
43-007-30600-00-00	UTAH 25-389	Gas Well	P	25	14	S	8	E
43-007-30599-00-00	UTAH 25-390	Gas Well	P	25	14	S	8	E
43-007-30658-00-00	UTAH 25-391	Gas Well	P	25	14	S	8	E
43-007-30602-00-00	UTAH 25-392	Gas Well	P	25	14	S	8	E
43-007-30206-00-00	UTAH 25-4-33	Gas Well	P	25	14	S	9	E
43-015-30519-00-00	UTAH 25-577	Gas Well	P	25	16	S	8	E
43-007-30156-00-00	UTAH 25-7-6	Gas Well	P	25	14	S	9	E
43-007-30204-00-00	UTAH 26-11-25	Gas Well	P	26	14	S	9	E
43-007-30205-00-00	UTAH 26-1-23	Gas Well	P	26	14	S	9	E
43-007-30181-00-00	UTAH 26-16-8	Gas Well	P	26	14	S	9	E
43-007-30446-00-00	UTAH 26-255	Gas Well	P	26	15	S	9	E
43-007-30445-00-00	UTAH 26-256	Gas Well	P	26	15	S	9	E
43-007-30444-00-00	UTAH 26-257	Gas Well	P	26	15	S	9	E
43-007-30514-00-00	UTAH 26-267	Gas Well	P	26	15	S	9	E
43-015-30541-00-00	UTAH 26-580	Gas Well	P	26	16	S	8	E
43-015-30542-00-00	UTAH 26-581	Gas Well	P	26	16	S	8	E
43-015-30544-00-00	UTAH 26-583	Gas Well	P	26	16	S	8	E
43-007-30202-00-00	UTAH 26-6-24	Gas Well	P	26	14	S	9	E
43-007-30395-00-00	UTAH 27-187	Gas Well	P	27	14	S	9	E
43-007-30292-00-00	UTAH 27-188	Gas Well	P	27	14	S	9	E
43-007-30457-00-00	UTAH 27-268	Gas Well	P	27	15	S	9	E
43-007-30458-00-00	UTAH 27-269	Gas Well	P	27	15	S	9	E
43-007-30712-00-00	UTAH 27-457	Gas Well	P	27	14	S	8	E
43-007-30714-00-00	UTAH 27-458	Gas Well	P	27	14	S	8	E
43-007-30777-00-00	UTAH 27-520	Gas Well	P	27	14	S	8	E
43-015-30545-00-00	UTAH 27-584	Gas Well	P	27	16	S	8	E
43-007-30193-00-00	UTAH 27-8-29	Gas Well	P	27	14	S	9	E
43-007-30186-00-00	UTAH 27-9-30	Gas Well	P	27	14	S	9	E
43-007-30396-00-00	UTAH 28-189	Gas Well	P	28	14	S	9	E
43-007-30397-00-00	UTAH 28-190	Gas Well	P	28	14	S	9	E
43-007-30293-00-00	UTAH 28-191	Gas Well	P	28	14	S	9	E
43-007-30294-00-00	UTAH 28-192	Gas Well	P	28	14	S	9	E
43-007-30551-00-00	UTAH 28-320	Gas Well	P	28	15	S	9	E
43-007-30560-00-00	UTAH 28-321	Gas Well	P	28	15	S	9	E
43-007-30405-00-00	UTAH 29-193	Gas Well	P	29	14	S	9	E
43-007-30427-00-00	UTAH 29-194	Gas Well	P	29	14	S	9	E
43-007-30739-00-00	UTAH 29-339	Gas Well	P	29	15	S	9	E
43-007-30740-00-00	UTAH 29-340	Gas Well	P	29	15	S	9	E
43-007-30741-00-00	UTAH 29-341	Gas Well	P	29	15	S	9	E
43-007-30742-00-00	UTAH 29-342	Gas Well	P	29	15	S	9	E
43-007-30262-00-00	UTAH 30-125	Gas Well	P	30	14	S	10	E
43-007-30185-00-00	UTAH 30-13-14	Gas Well	P	30	14	S	10	E
43-007-30265-00-00	UTAH 30-195	Gas Well	P	30	14	S	9	E
43-007-30344-00-00	UTAH 30-196	Gas Well	P	30	14	S	9	E

Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30178-00-00	UTAH 36-1-2	Gas Well	P	36	14	S	9	E
43-007-30341-00-00	UTAH 36-135	Gas Well	P	36	15	S	9	E
43-007-30343-00-00	UTAH 36-136	Gas Well	P	36	15	S	9	E
43-007-30342-00-00	UTAH 36-137	Gas Well	P	36	15	S	9	E
43-007-30315-00-00	UTAH 36-162	Gas Well	P	36	14	S	8	E
43-007-30316-00-00	UTAH 36-163	Gas Well	P	36	14	S	8	E
43-007-30317-00-00	UTAH 36-164	Gas Well	P	36	14	S	8	E
43-007-30318-00-00	UTAH 36-165	Gas Well	P	36	14	S	8	E
43-007-30144-00-00	UTAH 36-9-5	Gas Well	P	36	14	S	9	E
43-015-30341-00-00	UTAH 4-280	Gas Well	P	4	16	S	9	E
43-015-30342-00-00	UTAH 4-282	Gas Well	P	4	16	S	9	E
43-007-30384-00-00	UTAH 5-205	Gas Well	P	5	15	S	9	E
43-007-30269-00-00	UTAH 5-94	Gas Well	P	5	15	S	10	E
43-007-30270-00-00	UTAH 5-95	Gas Well	P	5	15	S	10	E
43-007-30271-00-00	UTAH 5-96	Gas Well	P	5	15	S	10	E
43-007-30217-00-00	UTAH 6-38	Gas Well	P	6	15	S	10	E
43-007-30218-00-00	UTAH 6-39	Gas Well	P	6	15	S	10	E
43-007-30219-00-00	UTAH 6-40	Gas Well	P	6	15	S	10	E
43-007-30254-00-00	UTAH 6-41	Gas Well	P	6	15	S	10	E
43-007-30235-00-00	UTAH 7-57	Gas Well	P	7	15	S	10	E
43-007-30236-00-00	UTAH 7-58	Gas Well	P	7	15	S	10	E
43-007-30237-00-00	UTAH 7-59	Gas Well	P	7	15	S	10	E
43-007-30238-00-00	UTAH 7-60	Gas Well	P	7	15	S	10	E
43-007-30275-00-00	UTAH 8-100	Gas Well	P	8	15	S	10	E
43-007-30410-00-00	UTAH 8-230	Gas Well	P	8	15	S	9	E
43-007-30272-00-00	UTAH 8-97	Gas Well	P	8	15	S	10	E
43-007-30285-00-00	UTAH 8-98X	Gas Well	P	8	15	S	10	E
43-007-30274-00-00	UTAH 8-99	Gas Well	P	8	15	S	10	E
43-007-30413-00-00	UTAH 9-228	Gas Well	P	9	15	S	9	E
43-007-30414-00-00	UTAH 9-229	Gas Well	P	9	15	S	9	E
43-007-30279-00-00	WILLIAMS 30-78	Gas Well	P	30	14	S	10	E
43-007-30481-00-00	WOOLSTENHULME 05-266	Gas Well	P	5	15	S	10	E
43-015-30250-00-00	UTAH 16-110	Gas Well	Shut In	16	16	S	9	E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Eastern States Office
7450 Boston Boulevard
Springfield, Virginia 22153

IN REPLY REFER TO
3106.8(932.34)WF

January 16, 2003

NOTICE

ConocoPhillips Company : Oil & Gas Leases
P.O. Box 7500 :
Bartlesville, Oklahoma 74005 :

Merger/Name Change Recognized

Acceptable evidence was received in this office on January 14, 2003, concerning the change of name of Phillips Petroleum Company to **ConocoPhillips Company** and the merger of **Conoco Incorporated** into **ConocoPhillips Company** on Federal oil and gas leases, with **ConocoPhillips Company** being the surviving entity.

The Secretary of the State of Delaware certified the effective date of this merger effective December 31, 2002.

The oil and gas lease files identified on the enclosed exhibit have been noted to the merger. The exhibit was compiled from a list of leases obtained from your list of leases. Eastern States has not abstracted the lease files to determine if the entities affected by this merger hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of this merger and name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

By Operation of law the name of the principal on Nationwide Oil and Gas Bond held by Conoco Incorporated (ES0085) has been changed to ConocoPhillips Company.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/W. Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning, Use
and Protection

bc: JFO, BLM State Offices, MMS, ES RF, 930 RF, ES-932:
Bforbes:wbf:01/16/03:440-1536/ConocoPhillips Co

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

011

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective: 12-31-02	
FROM: (Old Operator):	TO: (New Operator):
PHILLIPS PETROLEUM COMPANY	CONOCOPHILLIPS COMPANY
Address: 980 PLAZA OFFICE	Address: P O BOX 2197, WL3 4066
BARTLESVILLE, OK 74004	HOUSTON, TX 77252
Phone: 1-(918)-661-4415	Phone: 1-(832)-486-2329
Account No. N1475	Account No. N2335

CA No. Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANDREEN 32-529	32-14S-10E	43-007-30887	99999	FEE	GW	APD
PRICE 32-438	32-14S-10E	43-007-30888	99999	FEE	GW	APD
UTAH 32-128	32-14S-10E	43-007-30889	99999	STATE	GW	APD
USA 09-452	09-15S-08E	43-007-30711	99999	FEDERAL	GW	APD
STELLA-HAMAKER 10-174	10-15S-08E	43-007-30116	10849	FEE	GW	P
PMC 10-526	10-15S-08E	43-007-30845	13634	FEE	GW	P
UTAH 10-525	10-15S-08E	43-007-30844	13635	STATE	GW	DRL
USA 15-421	15-15S-08E	43-007-30676	99999	FEDERAL	GW	APD
USA 15-528	15-15S-08E	43-007-30834	99999	FEDERAL	GW	NEW
USA 22-466 (CA UTU-79754)	22-15S-08E	43-007-30700	13193	FEDERAL	GW	P
USA 23-451 (CA UTU-79751)	23-15S-08E	43-007-30704	13260	FEDERAL	GW	P
USA 23-445 (CA UTU-79661)	23-15S-08E	43-007-30650	13167	FEDERAL	GW	P
USA 23-467 (CA UTU-79885)	23-15S-08E	43-007-30503	13264	FEDERAL	GW	P
TABOR 23-468 (CA UTU-79762)	23-15S-08E	43-007-30746	13263	FEE	GW	P
USA 24-444	24-15S-08E	43-007-30648	12923	FEDERAL	GW	P
USA 24-449 (CA UTU-79763)	24-15S-08E	43-007-30705	13253	FEDERAL	GW	P
USA 24-443	24-15S-08E	43-007-30651	12936	FEDERAL	GW	P
USA 24-448	24-15S-08E	43-007-30652	12934	FEDERAL	GW	P
USA 25-459	25-15S-08E	43-007-30505	13261	FEDERAL	GW	P
PIERUCCI 25-461	25-15S-08E	43-007-30748	13266	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/08/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/08/2003
- The new company has been checked through the Department of Commerce, Division of Corporations Database on: 02/03/2003
- Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
- If **NO**, the operator was contacted on: _____

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/14/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 01/14/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: 01/14/2003

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 02/12/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 8140-60-24

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 8015-16-69

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 6196922
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

001

5. LEASE DESIGNATION AND SERIAL NO.
U-72355

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

7. UNIT AGREEMENT NAME
Drunkards Wash UTU-67921X

8. FARM OR LEASE NAME, WELL NO.
USA 15-528d

9. API WELL NO.
43-007-30901

10. FIELD AND POOL, OR WILDCAT
Drunkards Wash

11. SEC., T., R., M. AND SURVEY OR AREA
Surface Location: SE/4 SE/4 Section 15, T15S, R08E, SLB&M
Bottom Hole Location: NE/4 SW/4 Section 15, T15S, R08E, SLB&M

12. COUNTY OR PARISH
Carbon

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.
6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 315' FSL, 513' FEL 4373604Y 39.51395 / 4372907Y 39.51468
 At proposed prod. zone 1350' FSL, 2020' FHL FWL 499625Y -111.00436 / 498796Y -111.01401

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12.1 miles southwest of Price, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 34' (BHL)

16. NO. OF ACRES IN LEASE 480 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2200'

19. PROPOSED DEPTH 4589'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7257' GR

22. APPROX. DATE WORK WILL START* July 2003

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14"	12-3/4"	Conductor	40'	
11"	8-5/8"	24 #/ft	459'	200 sks G+2% CaCl + 1/4# per sack floccel
7- 7/8"	5-1/2"	17 #/ft	4579'	455 sks 50/50 POZ +8%gel+2%CaCl+10%extender. 90 sks "G" thixotropic

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FEB 04 2003

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 FEB - 4 2003
 DIV OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Permitting Supervisor DATE 1/20/03

(This space for Federal or State office use)
PERMIT NO. 43-007-30901 APPROVAL DATE

Application approval does not warrant or certify that the applicant has legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY.

APPROVED BY [Signature] TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 02-11-03

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

Range 8 East

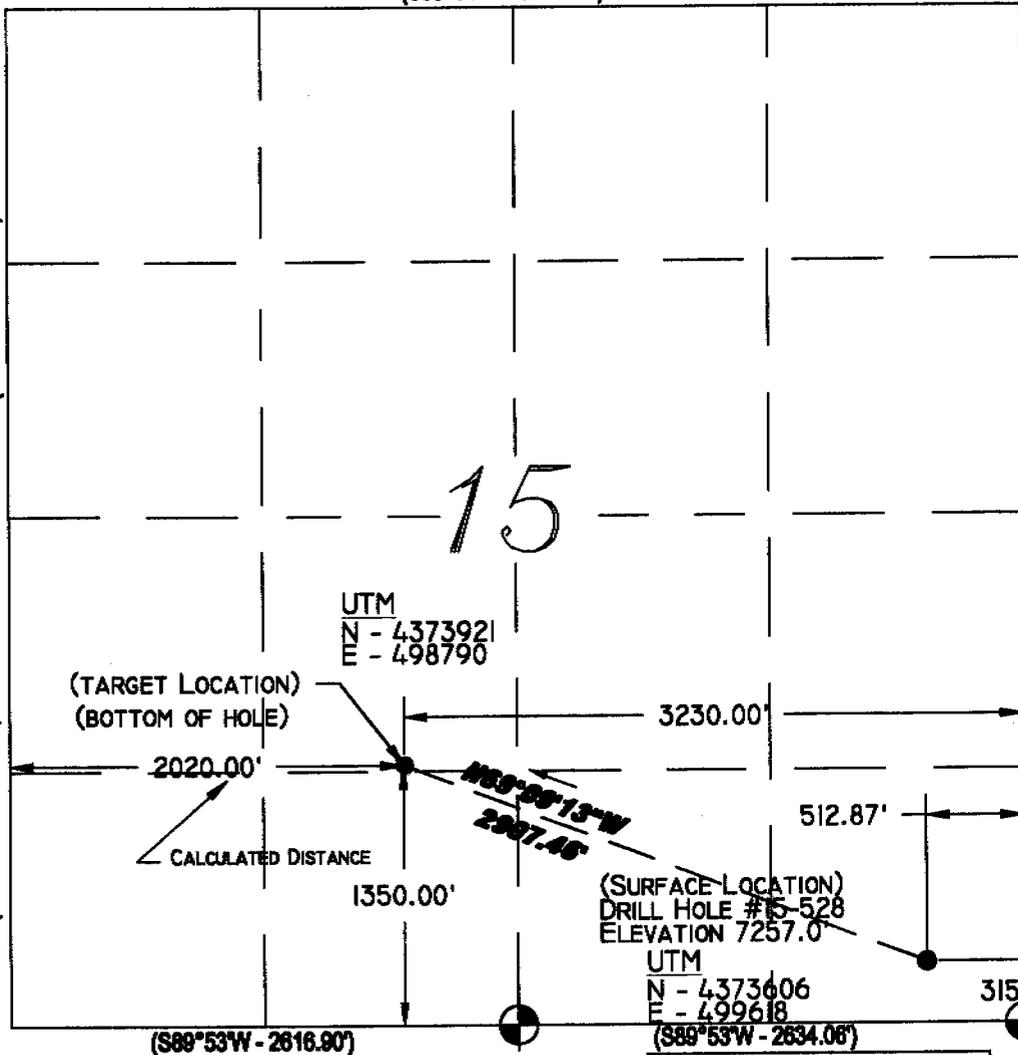
(S89°51'W - 5245.66')

Township 15 South

(NORTH - 2622.76')

(N00°05'W - 2632.06')

(N00°05'W - 5268.12')



(TARGET LOCATION)
(BOTTOM OF HOLE)

UTM
N - 4373921
E - 498790

CALCULATED DISTANCE

(SURFACE LOCATION)
DRILL HOLE #15-528
ELEVATION 7257.0

UTM
N - 4373606
E - 499618

(S89°53'W - 2634.06')

(S89°50'7\"/>

Legend

- Drill Hole Location
- ⊕ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- () GLO

GPS Measured

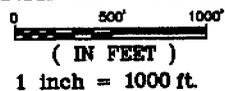
NOTES:

1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

(SURFACE LOCATION)

LAT / LONG
39°30'50\"/>

GRAPHIC SCALE



Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

Basis of Elevation:

BASIS OF ELEVATION OF 8638' BEING AT THE NORTHWEST SECTION CORNER OF SECTION 15, TOWNSHIP 15 SOUTH, RANGE 8 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE WATTIS QUADRANGLE 7.5 MINUTE SERIES MAP.

Description of Location:

(TARGET LOCATION)

PROPOSED DRILL HOLE LOCATED IN THE NE1/4, SW1/4 OF SECTION 15, T15S, R8E, S.L.B.&M., BEING 1350.0' NORTH AND 3230.0' WEST FROM THE SOUTHEAST CORNER OF SECTION 15, T15S, R8E, SALT LAKE BASE & MERIDIAN.

(SURFACE LOCATION)

PROPOSED DRILL HOLE LOCATED IN THE SE1/4, SE1/4 OF SECTION 15, T15S, R8E, S.L.B.&M., BEING 315.33' NORTH AND 512.87' WEST FROM THE SOUTHEAST CORNER OF SECTION 15, T15S, R8E, SALT LAKE BASE & MERIDIAN.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



Talon Resources, Inc.

P.O. Box 1230 195 N 100 W
Huntington, Utah 84526
Ph: 435-887-5310
Fax: 435-887-5311

ConocoPhillips

Well # 15-528
Section 15, T15S, R8E, S.L.B.&M.
Carbon County, Utah

Drawn by: BEN SCOTT
Checked by: L.W.J./A.J.S.

Drawing No. A-1
Date: 12/09/02

Sheet 1 of 4
Scale: 1" = 1000'



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2003

API NO. ASSIGNED: 43-007-30901

AMENDED

WELL NAME: USA 15-528H

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

SESE 15 150S 080E

SURFACE: 0315 FSL 0513 FEL

SW 1/4 BOTTOM: 1320 FSL 1320 FWL

CARBON

DRUNKARDS WASH (48)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-72355

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: FRSD

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

LATITUDE: 39.51395

LONGITUDE: 111.00436

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 80151669)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. PRWID)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit DRUNKARDS WASH
- R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 243-2
Eff Date: 7-13-1999
Siting: 460' Fr W boundary & uncomm. Tract
Horizontal
- R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal approval

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2003

API NO. ASSIGNED: 43-007-30901

WELL NAME: USA 15-528D

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: JEAN SEMBORSKI

PHONE NUMBER: 435-613-9777

PROPOSED LOCATION:

SESE 15 150S 080E

SURFACE: 0315 FSL 0513 FEL

NESW BOTTOM: 1350 FSL 2020 FWL

CARBON

DRUNKARDS WASH (48)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-72355

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: FRSD

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

LATITUDE: 39.51395

LONGITUDE: 111.00436

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 80151669)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. PRWID)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

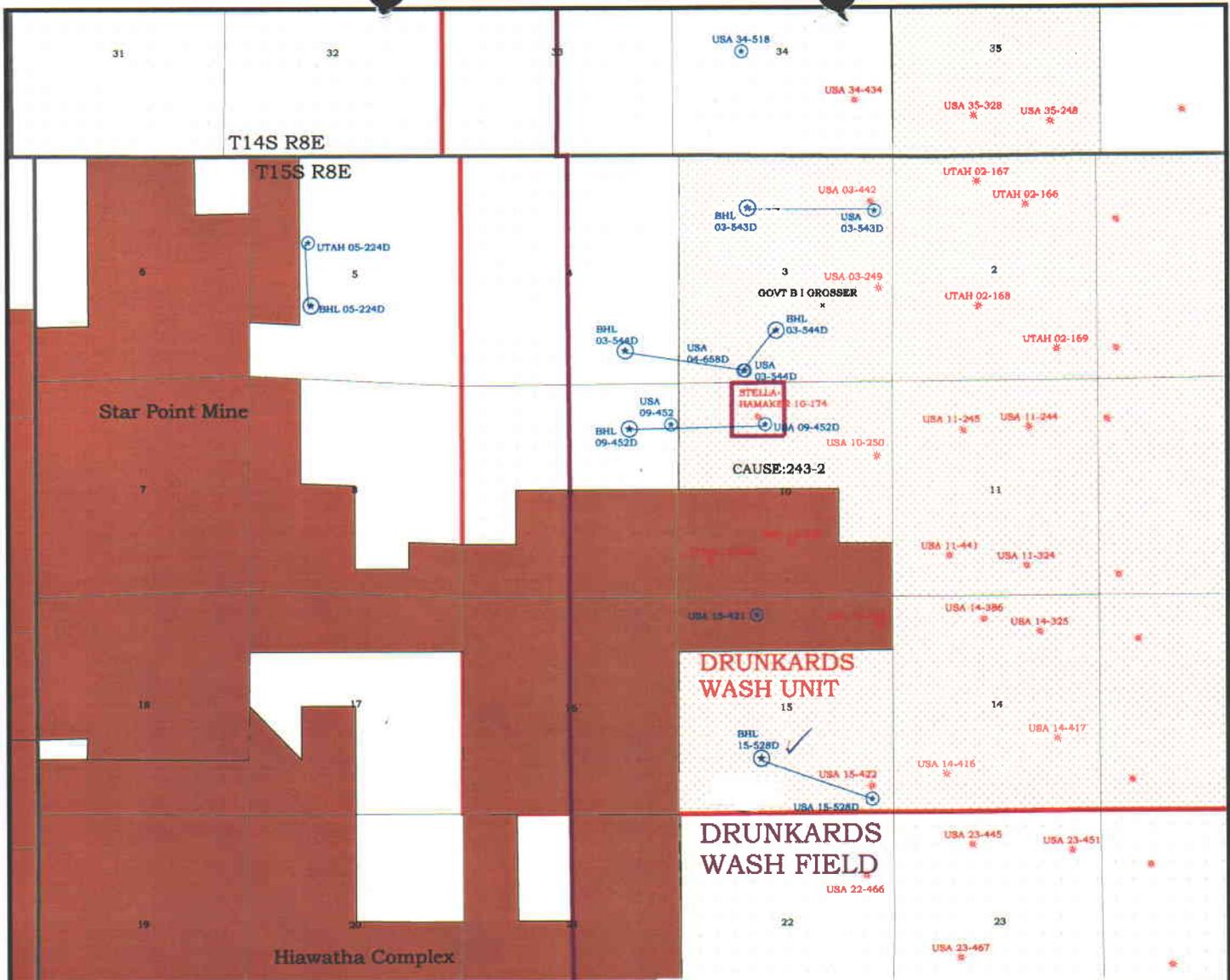
LOCATION AND SITING:

- R649-2-3.
- Unit DRUNKARDS WASH
- R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 243-2
Eff Date: 7-13-99
Siting: 460' fr boundary unit & uncomm. Tre at
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: Federal Approval

2- Directional Drill



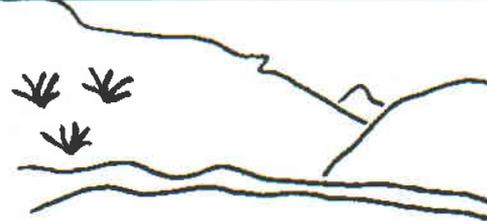
OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC. 15 T15S, R8E

FIELD: DRUNKARDS WASH (48)

COUNTY: CARBON

CAUSE: 243-2 / 7-13-99



Utah Oil Gas and Mining

WELLS

- ⚡ GAS INJECTION
- ⬢ GAS STORAGE
- ✱ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⬠ PLUGGED & ABANDONED
- ⬢ PRODUCING GAS
- ⬢ PRODUCING OIL
- ⬢ SHUT-IN GAS
- ⬢ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- ⊙ TEST WELL
- ⬢ WATER INJECTION
- ⬢ WATER SUPPLY
- ⬢ WATER DISPOSAL

UNIT STATUS

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

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON
DATE: 07-FEBRUARY-2003

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)

February 10, 2003

Memorandum

To: Assistant District Manager Minerals, Moab District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Drunkards Wash Unit,
Carbon County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Drunkards Wash, Carbon County, Utah.

Api Number	Well	Location
(Proposed PZ Ferron)		
43-007-30894	Utah 19-532 Sec. 19	T14S R10E 2556 FNL 2488 FEL
43-007-30897	USA 03-544 Sec. 3	T15S R08E 0315 FSL 1638 FWL
	BHL 1300 FSL 2400 FWL	
43-007-30898	USA 04-658D Sec. 3	T15S R08E 0315 FSL 1598 FWL
	BHL Sec. 4 0800 FSL 1300 FEL	
43-007-30899	USA 03-543 Sec. 3	T15S R08E 1335 FNL 0462 FEL
	BHL 1300 FNL 1700 FWL	
43-007-30900	USA 09-452 Sec. 10	T15S R08E 1006 FNL 2139 FWL
	BHL Sec. 9 1100 FNL 1200 FEL	
43-007-30901	USA 15-528D Sec. 15	T15S R08E 0315 FSL 0513 FEL
	BHL 1350 FSL 2020 FWL	
43-015-30597	Utah 33-601 Sec. 33	T16S R08E 1127 FNL 0661 FEL
43-015-30598	Utah 35-595 Sec. 35	T16S R08E 1152 FNL 1469 FWL
43-015-30596	Utah 33-604 Sec. 33	T16S R08E 0900 FSL 0577 FWL
43-015-30594	Utah 28-588 Sec. 28	T16S R08E 2344 FNL 1191 FEL
43-007-30895	Utah 32-617D Sec. 29	T15S R09E 1214 FSL 1900 FWL
	BHL Sec. 32 1400 FNL 1500 FWL (surface location outside of unit area)	

We have no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Drunkards Wash Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-10-3

003



6825 South 5300 West
P.O. Box 851
Price, UT 84501
phone 435.613.9777
fax 435.613.9782

February 11, 2003

Mr. Eric Jones
Bureau of Land Management
82 East Dogwood
Moab, Utah 84532

RE: Application for Permit to Drill-
USA 15-528d – Directional Drill Hole, Sec.28
T15S, R08E, SLB & M, Carbon County, Utah

Dear Mr. Jones:

Enclosed is a revised *Application for Permit to Drill* (APD) for the USA 15-528d. This well is now being proposed as a directional hole. Included with the APD is the following information:

Exhibit "A"- Survey Plat of the Proposed Well Site;

Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;

Exhibit "C" - Drilling Site Layout;

Exhibit "D" - Drilling Information

Exhibit "E" - Multipoint Surface Use Plan

Exhibit "F" - Typical Road Cross-section;

Exhibit "G" - BOP Diagram;

Exhibit "H" - Typical Wellhead Manifold;

Exhibit "I" - Evidence of Bond;

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FEB 11 2003

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USA 15-528d

Page 2

This proposed well surface location is within the Drunkards Wash Federal Unit. Due to topographical constraints in this area this well will be drilled as a directional hole. The surface location will be located in Section 15, SE/4, 315' FSL and 513' FWL which is less than 460' from the boundary of the Federal Unit. For this surface location, ConocoPhillips is, however, the only "owner" of record for the offset drilling unit in the NE/4 of section 22, T15S, R8E. Therefore, the requirements for approval of an exception to Cause #243-2 should be satisfied as required under Utah Administrative Code Rule R649-3-3.

The target location (bottom hole location) will be 1350' FSL and 2020' FWL in the NE/4 of Section 15, T15S, R08E. ConocoPhillips is the "owner" of record for all gas within a radius of 460 feet from all points along the proposed well bore in accordance with the requirement of R649-3-11.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,



Jean Semborski
Permitting Supervisor

cc: Ms. Diana Mason, DOGM
Mr. Gene Herrington, Texaco
Mr. John Lennon, Dominion Resources
Mr. Don Stephens, BLM, Price, Utah
Ms. Jeanette Borges, Phillips Petroleum Company
Mr. Mark Jones, DOGM, Price, Utah
COPC Well File

Bureau of Land Management
Moab District
Application for Permit to Drill
On-Site Inspection Checklist

Company ConocoPhillips Well No. USA 15-528d
Location: Sec. 15, T 15 S, R 08E, Lease No. U-72355
On-Site Inspection Date: 12/10/02

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:
Surface formation: Upper Mancos Shale
Estimated top of Ferron Formation: 4119'- TD=4589'
2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered

<u>Formation</u>	<u>Depth</u>
------------------	--------------

Expected Oil Zones: none
Expected Gas Zones: Ferron Coal Interval: 4149'-4289'
Expected Water Zones: 4149'-4289'
Expected Mineral Zones: none

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment- include schematics of the BOP and choke manifold, and describe testing procedures: Quick Test is contracted to test the manifold, blind rams, and B.O.P to 2000 psi. Surface casing is tested to 1 psi/ft. See attachment.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

4. Casing Program and Auxiliary Equipment - include casing size, weight, grade, thread and

coupling, setting depth and condition (new or acceptably reconditioned): Approximately 4579' of 5-1/2", N-80 17#/ft production casing will be installed 10% of the above setting depth will be 8-5/8", 24#/ft. J-55 surface casing.

5. Cement-include the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques: See cement design.
6. Mud Program and Circulating Medium- include mud components and weights. When air drilling, also include: length and location of blooie line; description of the auto ignitor; description of the deduster equipment; and amounts, types and characteristics of stand-by mud: Hole will be drilled with air.
7. Coring, Logging and Testing Program: Bulk Density, Gamma, Neutron Density, Resistivity and Caliper logs will be run.
Initial opening of drill stem test tools will be restricted to daylight hours.
8. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards- include anticipated bottomhole pressure and/or pressure gradient: No abnormal conditions are anticipated, formation is slightly over-pressured, estimated BHP1987_PSI.
9. Any Other Aspects of this Proposal that should be Addressed:

B. THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:
 - a. Proposed route to location (submit a map depicting access and well location).
 - b. Location of proposed well in relation to town or other reference point: 12.1 Miles southwest of Price, Utah.
 - c. Contact the Carbon County Road Department for use of county roads. The use of Carbon County roads will require an encroachment permit from the Carbon County Road Department.
 - d. Plans for improvement and/or maintenance of existing roads: Upgrade and maintain existing state or county roads.
 - e. Other:
2. Planned Access Roads:
 - a. Location (centerline): Sec.15, T15S,R08E, 315'FSL, 513' FEL
 - b. Length of new access to be constructed: 100'
 - c. Length of existing roads to be upgraded 0'
 - d. Maximum total disturbed width: 27'
 - e. Maximum travel surface width: 24'

- f. Maximum grades: 3%
- g. Turnouts: none
- h. Surface materials: In-place residual of Mancos Shale
- i. Drainage (crowning, ditching, culverts, etc): Roads will be crowned with water ditches on both sides. Water will be diverted around pad as necessary and 2 culverts will be placed along upgraded roadway.
- j. Cattleguards: none
- k. Length of new and/or existing roads which lie outside the lease boundary for which a BLM right-of-way is required: N/A

l. Other:

Surface disturbance and vehicular travel will be limited to the approved location access road. Any additional area needed must be approved by the Area Manager in advance.

If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

- 3. Location of Existing Wells-on a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Attachment "B"
- 4. Location of Production Facilities:
 - a. On-site facilities: See Attachment "E"
 - b. Off-site facilities: none
 - c. The pipelines and power lines will follow the proposed access route with the power line located on the north/east side of the road and the pipelines on the west/south. The pipelines will be approximately 4" for the gas and 4" for the water. Refer to map Exhibit "B" page 1 for the location of the proposed pipeline. The length of the pipeline will be approximately 100' long. The pipelines will be brought to the USA 15-528d from the existing pipeline going to the 15-422.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Olive Black

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7-3 and Onshore Oil and Gas Order No. 4

Production facilities on location may include a lined or unlined produced water pit as specified in NTL-2B. If water is produced from the well, an NTL-2B application must be submitted.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): PRWID

A temporary water use permit for this operation will be obtained from the Utah State Engineer in Price, Utah at (435) 637-1303.

Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map): Private Owner

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be lined with (native material, bentonite, synthetic material): Pit will be lined with native material unless otherwise designated by BLM officers prior to construction.

The reserve pit will be located at the: West side of the location, and the pit walls will be sloped at no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations.

8. Ancillary Facilities: Garbage containers and portable toilets.
9. Well Site Layout - depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1" = 50'.

All well, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

Access to the well pad will be from: West of location.

The blooie line will be located in the: West at least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: Water injection.

10. Plans for Restoration of the Surface:

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: adjacent land.

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Sept. and Nov., or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

BLM recommended mixture: Pinion/Juniper

The abandonment marker will be one of the following, as specified by BLM:

- 1) At least four feet above ground level,
- 2) At restored ground level, or
- 3) Below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Additional requirements:

11. Surface and Mineral Ownership: BLM surface/BLM subsurface

12. Other Information:

a. Archeological Concerns: none

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

b. Threatened and Endangered Species Concerns: No

c. Wildlife Seasonal Restrictions (yes/no): See EIS

d. Off Location Geophysical Testing: N/A

e. Drainage crossings that require additional State or Federal approval: N/A

f. Other: N/A

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Jean Semborski

Title: Permitting Supervisor

Address: 6825 S. 5300 W. P.O. Box 851
Price, Utah 84501

Phone No: (435) 613-9777 Fax (435) 613-9782

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by ConocoPhillips and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under BLM bond no. ~~2015-11-19~~. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Signature

Permitting Supervisor

Title

1/20/03

Date

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the Resource Area, Natural Resource Protection Specialist at least 24 hours prior to commencing construction of location.

Spud- The spud date will be reported to the Resource Area Office 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted the District Office within 24 hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the District Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. "Sundry Notices and Reports on Wells: (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the Resource Area in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

First Production- Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five (5) business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Resource Area Office. The Resource Area Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Re-completion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analysis, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings and/or samples) will be submitted when requested by the Assistant District Manager.

Venting/Flaring of Gas-NTL-4A allows venting/flaring of gas during the initial well evaluation period not to exceed 30 days or 50 MMcf. Venting/flaring beyond the initial test period threshold must be approved by the District Office.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Assistant District Manager for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Divisions within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

TABLE 1
NOTIFICATIONS

Notify Don Stephens of the Price Resource Area, at (435)636-3608 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface and intermediate casing depths;

3 hours prior to testing BOP;

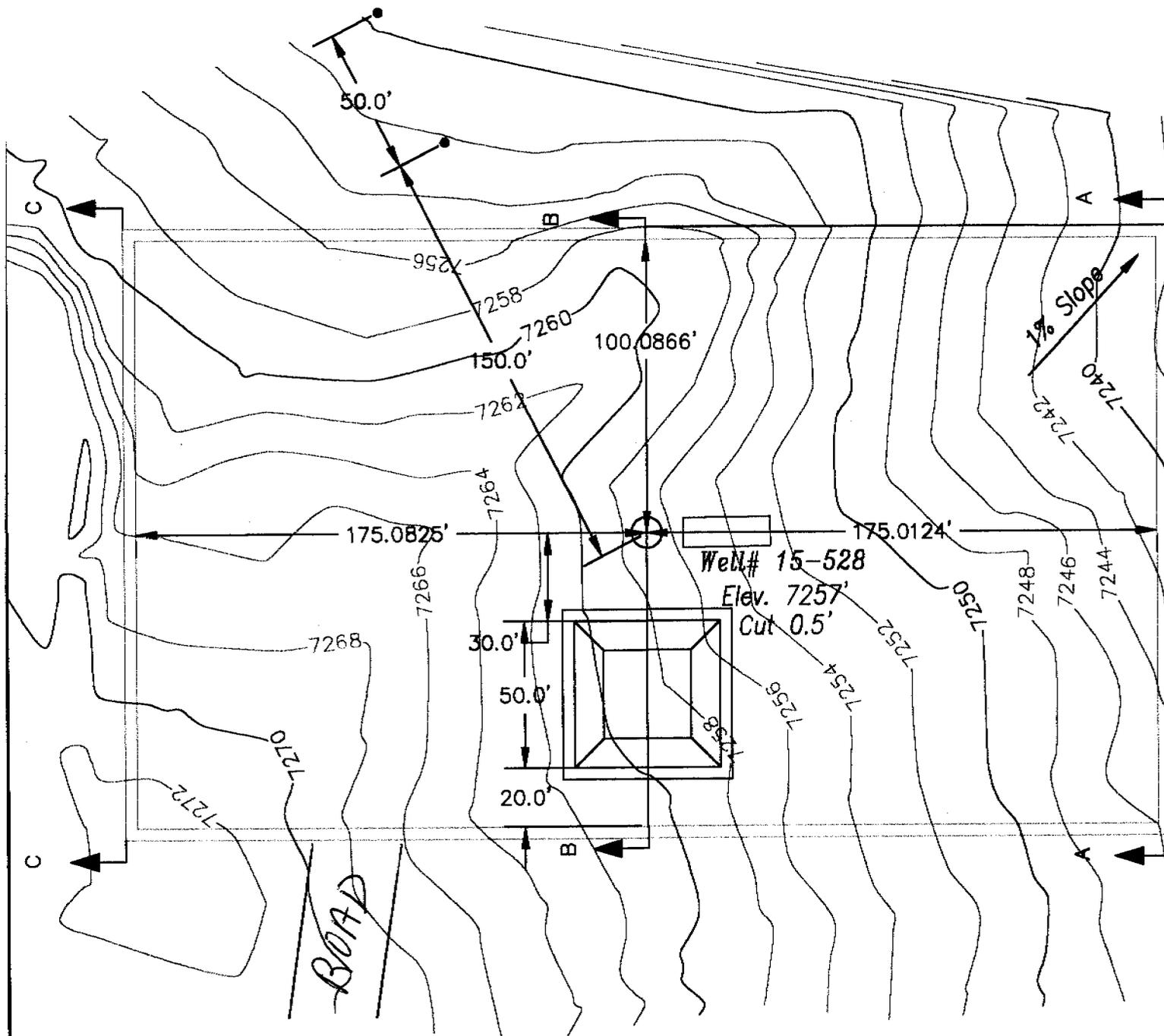
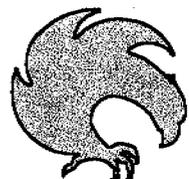
12 hours prior to reaching kickoff point depth (if applicable).

If the person at the above number cannot be reached, notify the Moab District Office at (435) 259-6111. If unsuccessful, notify one of the people listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab District Office, Branch of Fluid Minerals at (435) 259-6111. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer	Office: (435) 259-6111
	Home: (435) 259-2214

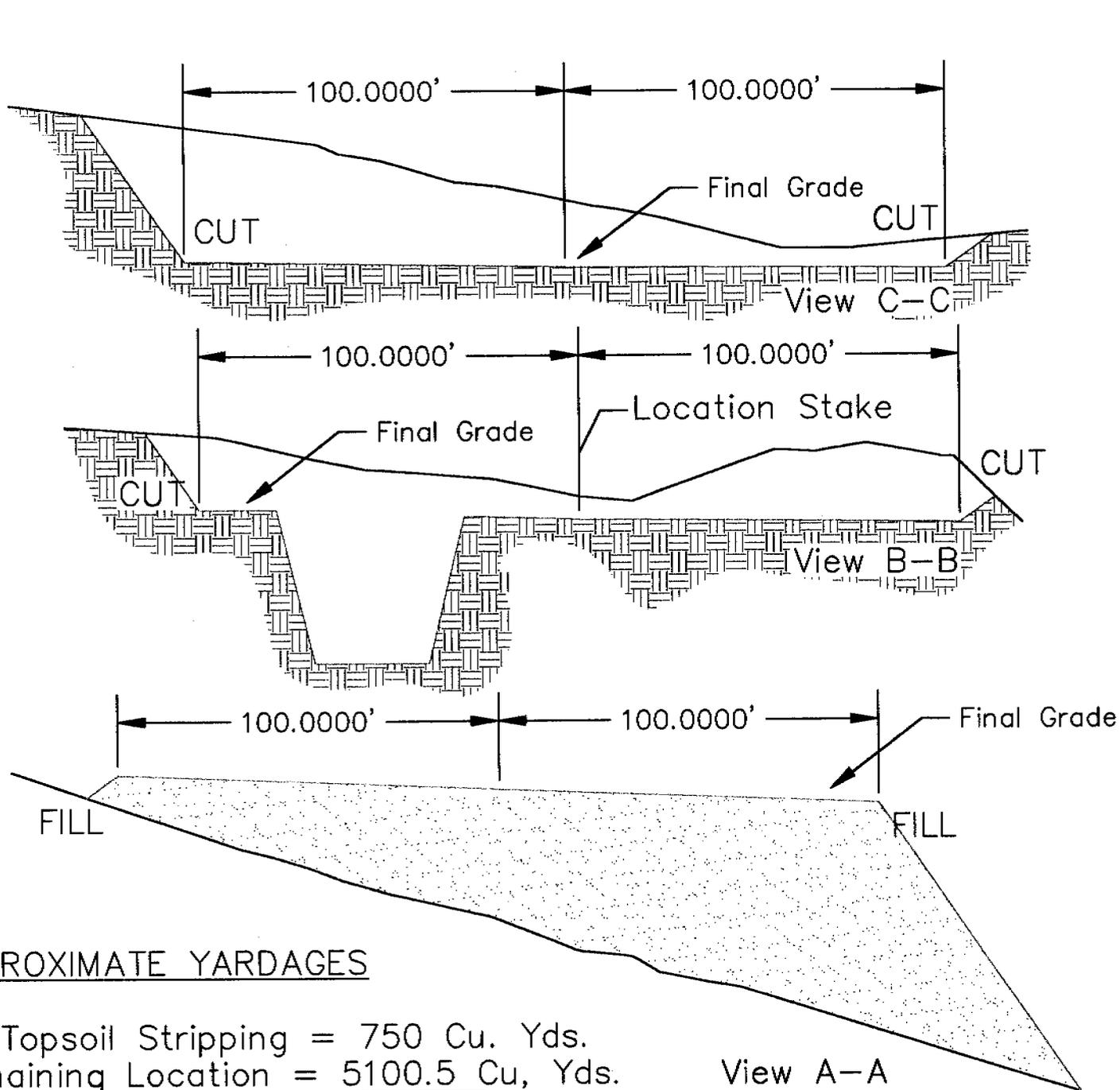
Elevation of Ungraded Ground at Location Stake = 7257'
 Elevation of Graded Ground at Location Stake = 7256.5'

Talon resources, inc.
 196 North 100 West P.O. Box 1280
 Huntington, Utah 84308
 Phone (435)637-6781 Fax (435)687-5311
 E-Mail talonres@net

ConocoPhillips

LOCATION LAYOUT Section , TS, RE, S.L.B.&M. Well #15-528	
Drawn By: Ben Scott	Checked By: L.W.J.
Drawing No. A-2	Date: 00/00/00
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 849



$1'' = 10'$
 X-Section
 Scale
 $1'' = 40'$

Slope = 1 1/2 : 1
 (Except Pit)
 Pit Slope = 1 ; 1



Talon resources, inc.
 195 North 100 West P.O. Box 1230
 Huntington, Utah 84528
 Phone (435)637-8781 Fax (435)687-5311
 E-Mail talonnetv.net

ConocoPhillips

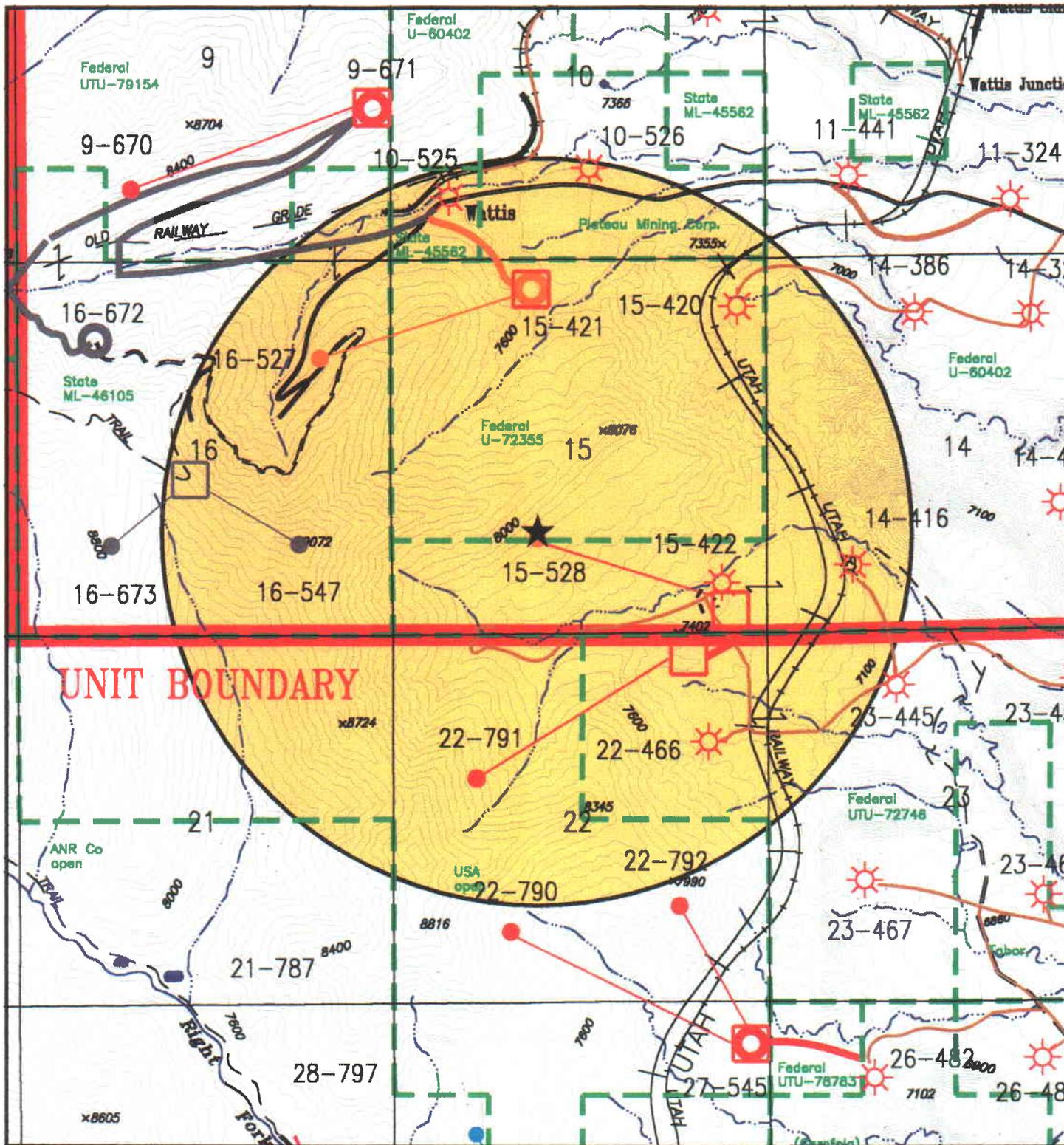
TYPICAL CROSS SECTION
 Section , T15S, R8E, S.L.B.&M.
 Well #15-528

Drawn By: Ben Scott	Checked By: L.W.J.
Drawing No. C-1	Date: 12/10/02
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 849

APPROXIMATE YARDAGES

CUT
 (6") Topsoil Stripping = 750 Cu. Yds.
 Remaining Location = 5100.5 Cu, Yds.
 TOTAL CUT = 5850.5 Cu. Yds.
 TOTAL FILL = 5259.72 Cu. Yds.

View A-A



UNIT BOUNDARY

LEGEND

- Proposed Well Location: 
- Other Proposed Well Locations: 
- Proposed Powerline: 
- Proposed Pipeline: 
- Proposed Roads: 
- Lease Boundary: 
- Existing Wells: 

Scale: 1" = 2000'

December 30, 2002

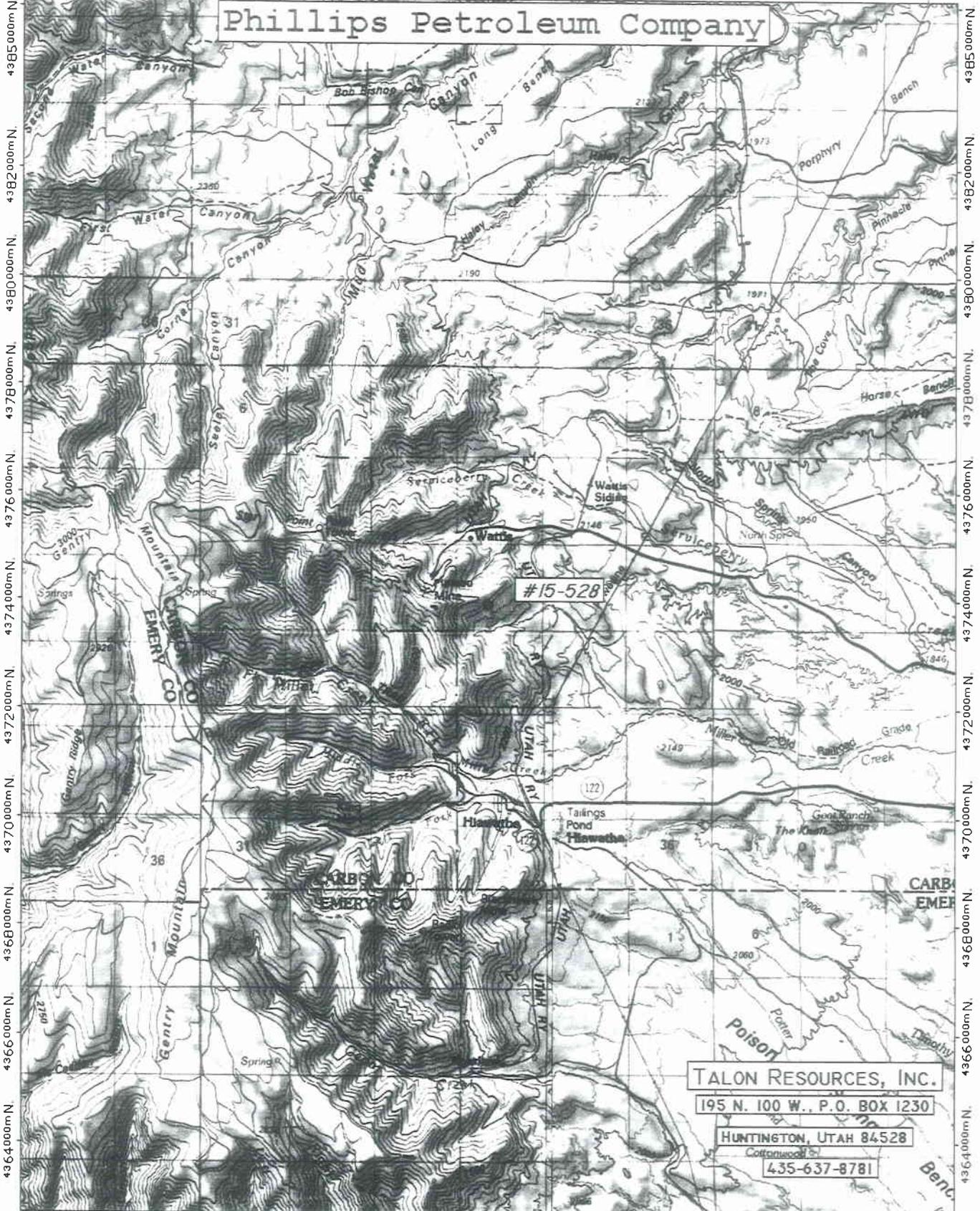
ConocoPhillips
 6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782



WELL # 15-528
 Section 15, T15S, R8E, S.L.B.&M.
 Exhibit B 1 of 2

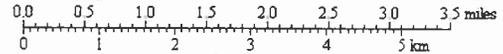
492000m E 494000m E 496000m E 498000m E 500000m E 502000m E NAD27 Zone 12S 507000m E

Phillips Petroleum Company



492000m E 494000m E 496000m E 498000m E 500000m E 502000m E NAD27 Zone 12S 507000m E

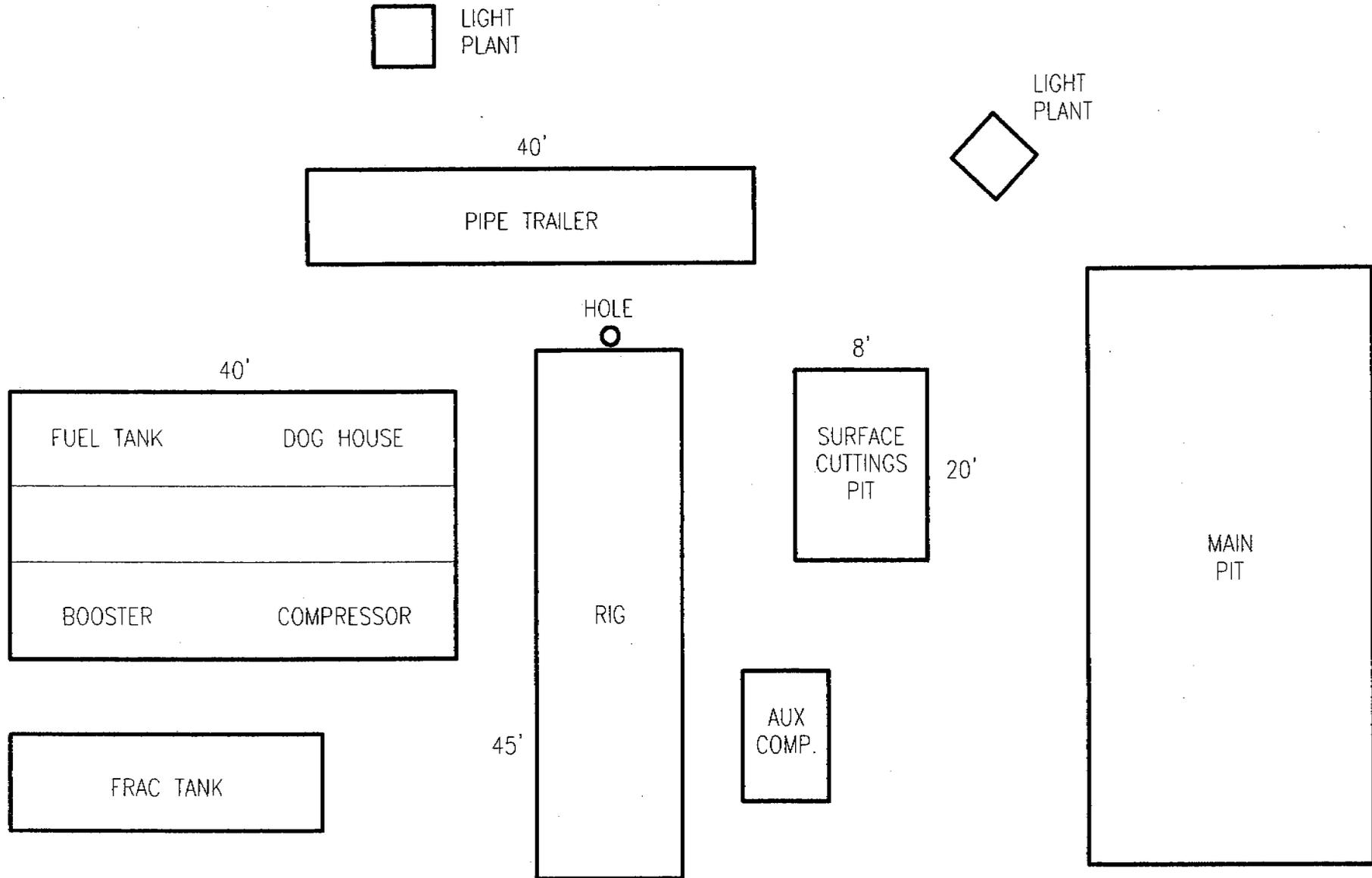
TN 13° MN



Map created with TOPO! © 2001 National Geographic (www.nationalgeographic.com/topo)

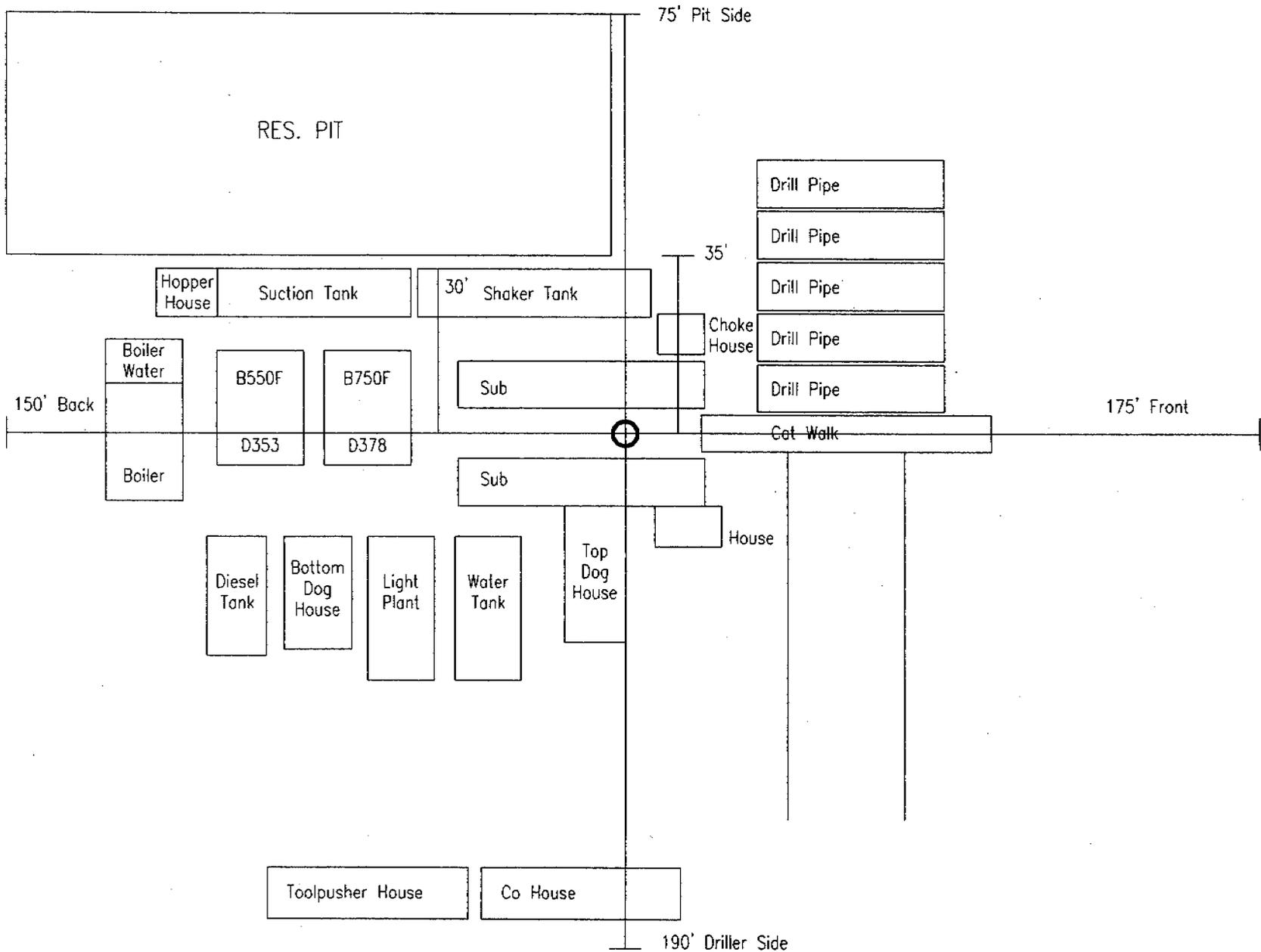
EXHIBIT C

APPROXIMATE LAYOUT OF RIG & EQUIPMENT

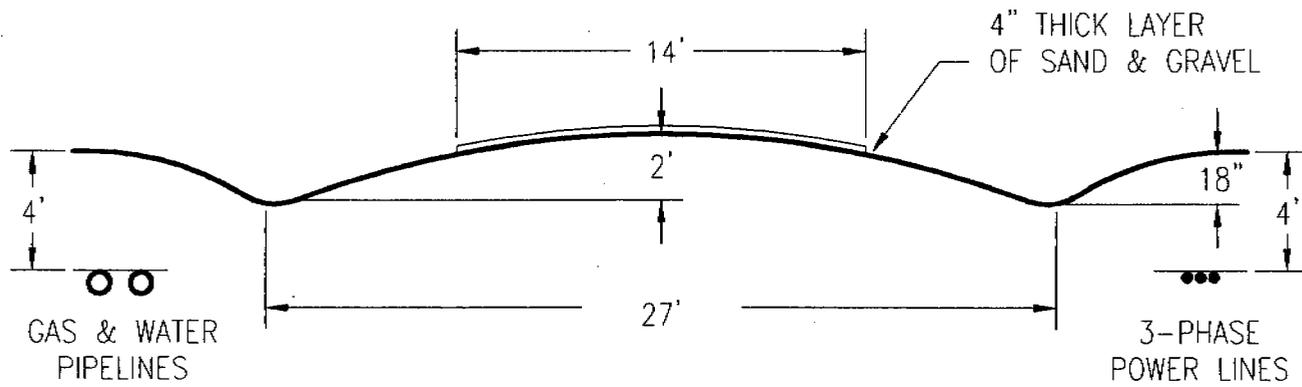


CONOCOPHILLIPS

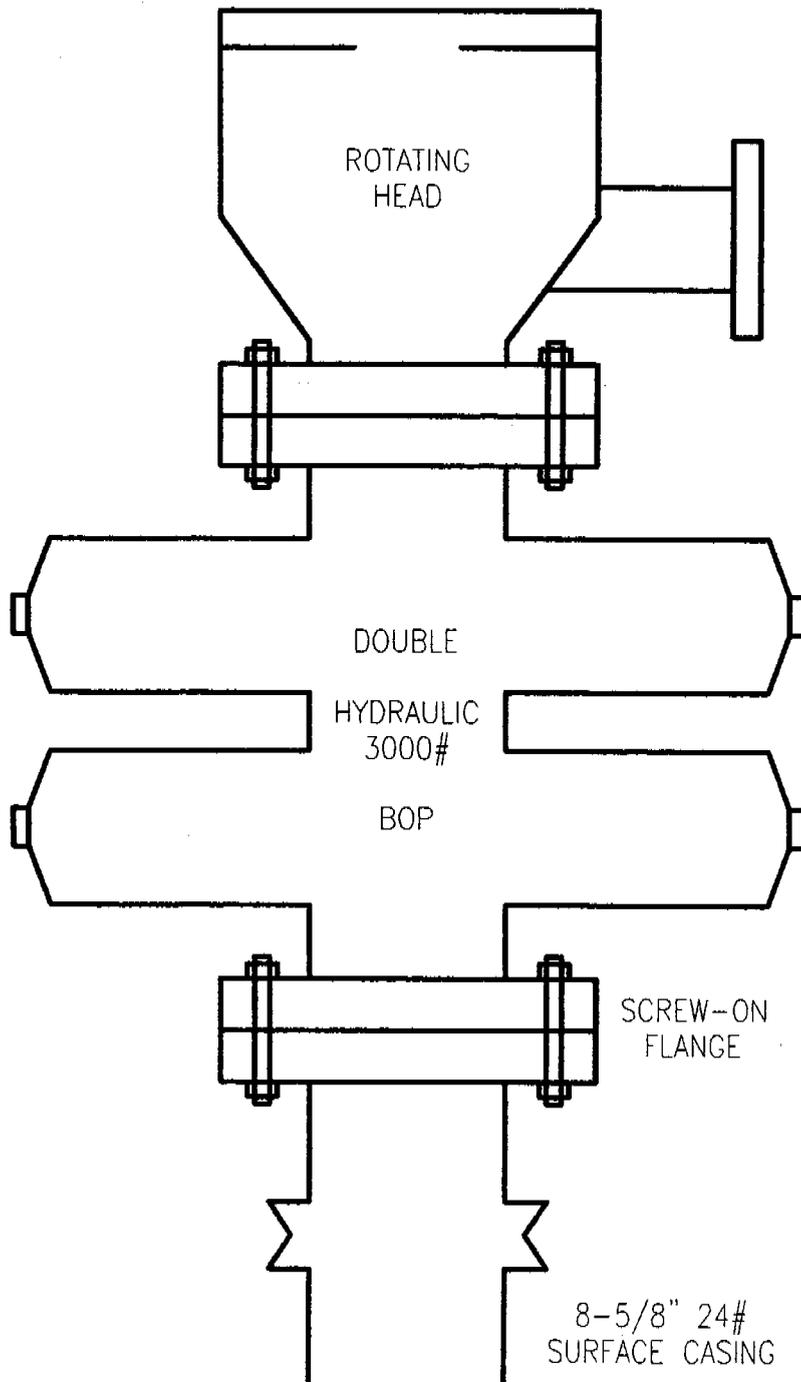
RIG LAYOUT (Approximately 200' x 325') Includes Reserve Pit



TYPICAL ROAD CROSS-SECTION



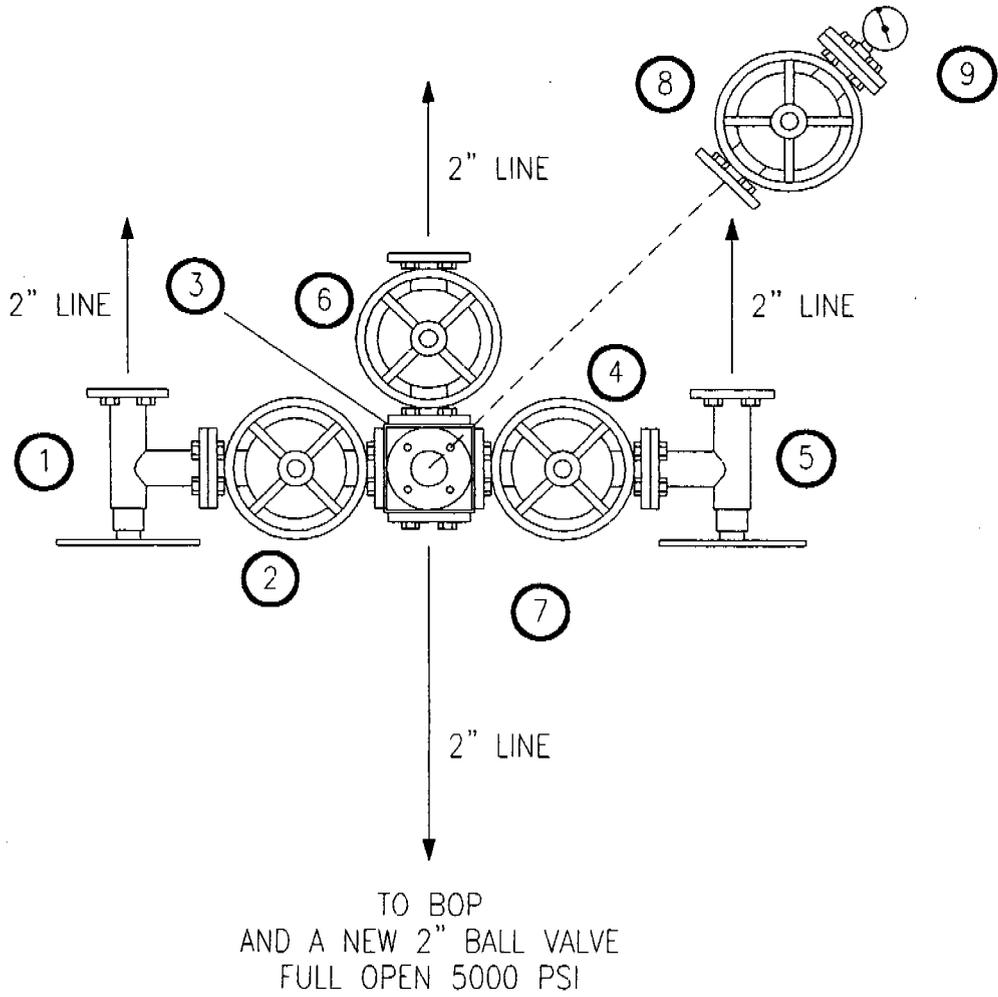
DIVERTER HEAD



- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



MANIFOLD



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

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

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

February 11, 2003

ConocoPhillips Company
P O Box 851
Price, UT 84501

Re: USA 15-528D Well, Surface Location 315' FSL, 513' FEL, SE SE, Sec. 15, T. 15 South,
R. 8 East, Bottom Location 1350' FSL, 2020' FWL, NE SW, Sec. 15, T. 15 South,
R. 8 East, Carbon 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-007-30901.

Sincerely,

John R. Baza
Associate Director

pb

Enclosures

cc: Carbon County Assessor
Bureau of Land Management, Moab District Office

Operator: ConocoPhillips Company
Well Name & Number USA 15-528D
API Number: 43-007-30901
Lease: U-72355

Surface Location: SE SE **Sec.** 15 **T.** 15 South **R.** 8 East
Bottom Location: NE SW **Sec.** 15 **T.** 15 South **R.** 8 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

008



6825 South 5300 West
P.O. Box 851
Price, UT 84501
phone 435.613.9777
fax 435.613.9782

June 17, 2003

Mr. Eric Jones
Bureau of Land Management
82 East Dogwood
Moab, Utah 84532

RE: Application for Permit to Drill-
USA 15-528h – Horizontal Multilateral Drill Hole, Sec. ¹⁵~~28~~
T15S, R08E, SLB & M, Carbon County, Utah

Dear Mr. Jones:

Enclosed is a revised *Application for Permit to Drill* (APD) for the USA 15-528d. This well is now being proposed as a horizontal multilateral drill hole. Please replace the previous APD with this revised submittal. Included with this APD is the following information:

- Exhibit "A" - Survey Plat of the Proposed Well Site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Drilling Site Layout;
- Exhibit "D" - Drilling Information
- Exhibit "E" - Multipoint Surface Use Plan
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Typical Wellhead Manifold;
- Exhibit "I" - Evidence of Bond;

COPY

CONFIDENTIAL

RECEIVED

JUL 31 2003

USA 15-528h

Page 2

This proposed well surface location is within the Drunkards Wash Federal Unit. Due to topographical constraints in this area this well will be drilled as a horizontal multilateral drill hole. The surface location will be located in Section 15, SE/4 SE/4, 315' FSL and 513' FWL which is less than 460' from the boundary of the Federal Unit. For this surface location, ConocoPhillips is, however, the only "owner" of record for the offset drilling unit in the NE/4 of section 22, T15S, R8E. Therefore, the requirements for approval of an exception to Cause #243-2 should be satisfied as required under Utah Administrative Code Rule R649-3-~~12~~.

The target location will be the SW/4 of Section 15, T15S, R08E. ConocoPhillips is the "owner" of record for all gas within a radius of 460 feet from all points along the proposed well bore in accordance with the requirement of R649-3-~~12~~.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,



Jean Semborski
Permitting Supervisor

cc: Ms. Diana Mason, DOGM
Mr. Gene Herrington, Texaco
Mr. John Lennon, Dominion Resources
Mr. Don Stephens, BLM, Price, Utah
Ms. Jeanette Borges, Phillips Petroleum Company
Mr. Mark Jones, DOGM, Price, Utah
COPC Well File

006

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

5 LEASE DESIGNATION AND SERIAL NO
U-72355

6 IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7 UNIT AGREEMENT NAME
Drunkards Wash UTU-67921X

8 FARM OR LEASE NAME, WELL NO
USA 15-528h

9 API WELL NO
43-007-30901

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a TYPE OF WORK
DRILL **DEEPEN**

b TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2 NAME OF OPERATOR
ConocoPhillips Company

3 ADDRESS AND TELEPHONE NO.
6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

10 FIELD AND POOL, OR WILDCAT
Drunkards Wash

11 SEC., T., R., M., AND SURVEY OR AREA
Surface Location: SE/4 SE/4 Sec. 15, T15S, R08E, SLB&M
BHL: SW/4 Sec. 15, T15S, R08E, SLB&M

12 COUNTY OR PARISH
Carbon

13 STATE
Utah

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At surface **315' FSL, 513' FEL 39.51395 4373604Y**
At proposed prod zone **SW/4 Sec 15 T15S R08E 499625X**
BHL 4373898Y 39.51460
1320 FSL 498582X - 111.01650
1320 FSL

14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12.1 miles southwest of Price, Utah.

15 DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **200'**

16 NO. OF ACRES IN LEASE **480 Acres**

17 NO. OF ACRES ASSIGNED TO THIS WELL **160 acres**

18 DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **2200'**

19 PROPOSED DEPTH **6278' MD 4065' TVD**

20 ROTARY OR CABLE TOOLS
Rotary

21 ELEVATIONS (Show whether DF, RT, GR, etc.)
7618' GR 7257' GR

22 APPROX. DATE WORK WILL START*
July 2002

23 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	40'	
13 3/4"	10 3/4"	32.75 #/ft	500'	305 sks G+2% CaCl + 1/4# per sack flocc
9-7/8"	7 5/8"	26.4 #/ft	6278'	594 sks 50/50 POZ +8%gel+2%CaCl+10%extender. 97 sks "G" thixotropic

AMENDED

CONFIDENTIAL

**Federal Approval of this
Action is Necessary**

RECEIVED
JUL 31 2003
DIV OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Jan Samborati* TITLE **Permitting Supervisor** DATE **6/17/03**

(This space for Federal or State office use)
PERMIT NO. **43-007-30901** APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL (IF ANY):
APPROVED BY *Bradley G. Hill* TITLE **BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III** DATE **08-06-03**

***See Instructions On Reverse Side**

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

Range 8 East

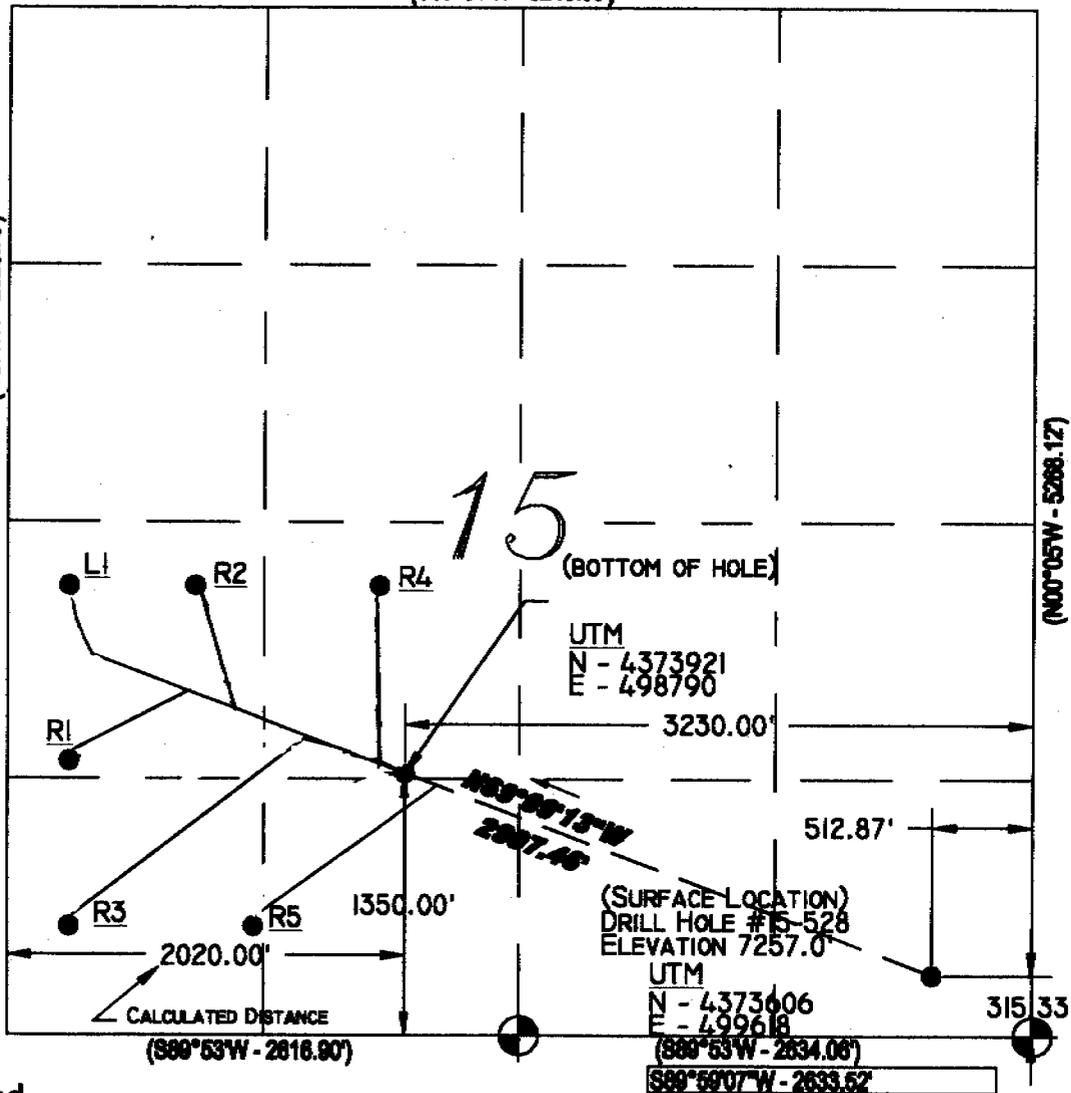
(S89°51'W - 5245.68')

Township 15 South

(NORTH - 2628.76')

(N00°05'W - 2632.06')

(N00°05'W - 5268.12')



Location:
THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

Basis of Bearing:
THE BASIS OF BEARING IS GPS MEASURED.

GLO Bearing:
THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

Basis of Elevation:
BASIS OF ELEVATION OF 8638' BEING AT THE NORTHWEST SECTION CORNER OF SECTION 15, TOWNSHIP 15 SOUTH, RANGE 8 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE WATTIS QUADRANGLE 7.5 MINUTE SERIES MAP.

Description of Location:
(TARGET LOCATION)
PROPOSED DRILL HOLE LOCATED IN THE NE1/4, SW1/4 OF SECTION 15, T15S, R8E, S.L.B.&M., BEING 1350.0' NORTH AND 3230.0' WEST FROM THE SOUTHEAST CORNER OF SECTION 15, T15S, R8E, SALT LAKE BASE & MERIDIAN.
(SURFACE LOCATION)
PROPOSED DRILL HOLE LOCATED IN THE SE1/4, SE1/4 OF SECTION 15, T15S, R8E, S.L.B.&M., BEING 315.33' NORTH AND 512.87' WEST FROM THE SOUTHEAST CORNER OF SECTION 15, T15S, R8E, SALT LAKE BASE & MERIDIAN.

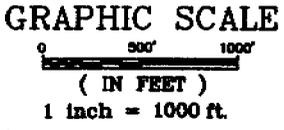
Surveyor's Certificate:
I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.

- Legend**
- Drill Hole Location
 - ⊙ Brass Cap (Found)
 - Brass Cap (Searched for, but not found)
 - △ Rock Pile
 - () GLO
 - GPS Measured

NOTES:
1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

(SURFACE LOCATION)

LAT / LONG
39°30'50"N
111°00'16"W



Talon Resources, Inc.
P.O. Box 1230 195 N 100 W
Huntington, Utah 84528
Ph: 435-687-5310
Fax: 435-687-5311

ConocoPhillips Company

Well # 15-528
Section 15, T15S, R8E, S.L.B.&M.
Carbon County, Utah

Drawn by BEN SCOTT	Checked by L.W.J./A.J.S.
Drawing No. A-1	Date 12/09/02
Scale 1" = 1000'	

Sheet 1 of 4

EXHIBIT "A" 10F3

Bureau of Land Management
Moab District
Application for Permit to Drill
On-Site Inspection Checklist

Company ConocoPhillips Company Well No. USA 15-528h
Location: Sec.15, T 15 S, R 08E, Lease No. U-72355
On-Site Inspection Date: 12/10/02

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:
Surface formation: Upper Mancos Shale
Estimated top of Ferron Formation: 4119'- TD=4589'
2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered

<u>Formation</u>	<u>Depth</u>
------------------	--------------

Expected Oil Zones: none	
Expected Gas Zones: Ferron Coal Interval: <u>4149'-4289'</u>	
Expected Water Zones: <u>4149'-4289'</u>	
Expected Mineral Zones: none	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment- include schematics of the BOP and choke manifold, and describe testing procedures: Quick Test is contracted to test the manifold, blind rams, and B.O.P to 2000 psi. Surface casing is tested to 1 psi/ft. See attachment.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

4. Casing Program and Auxiliary Equipment - include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned): Approximately 6278' of 7 5/8", 26.4#/ft production casing will be installed 10% of the above setting depth will be 10 3/4", 32.75#/ft. surface casing.

5. Cement-include the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques: See cement design.
6. Mud Program and Circulating Medium- include mud components and weights. When air drilling, also include: length and location of blooie line; description of the auto ignitor; description of the deduster equipment; and amounts, types and characteristics of stand-by mud: Hole will be drilled with air.
7. Coring, Logging and Testing Program: Bulk Density, Gamma, Neutron Density, Resistivity and Caliper logs will be run.
Initial opening of drill stem test tools will be restricted to daylight hours.
8. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards- include anticipated bottomhole pressure and/or pressure gradient: No abnormal conditions are anticipated, formation is slightly over-pressured, estimated BHP1987_PSI.
9. Any Other Aspects of this Proposal that should be Addressed:

B. THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:
 - a. Proposed route to location (submit a map depicting access and well location).
 - b. Location of proposed well in relation to town or other reference point: 12.1 Miles southwest of Price, Utah.
 - c. Contact the Carbon County Road Department for use of county roads. The use of Carbon County roads will require an encroachment permit from the Carbon County Road Department.
 - d. Plans for improvement and/or maintenance of existing roads: Upgrade and maintain existing state or county roads.
 - e. Other:
2. Planned Access Roads:
 - a. Location (centerline): Sec. 15, T15S, R08E 315' FSL, 513' FEL
 - b. Length of new access to be constructed: 100'
 - c. Length of existing roads to be upgraded 0'
 - d. Maximum total disturbed width: 27'
 - e. Maximum travel surface width: 24'
 - f. Maximum grades: 3%
 - g. Turnouts: none

- h. Surface materials: In-place residual of Mancos Shale
- i. Drainage (crowning, ditching, culverts, etc): Roads will be crowned with water ditches on both sides. Water will be diverted around pad as necessary and 2 culverts will be placed along upgraded roadway.
- j. Cattleguards: none
- k. Length of new and/or existing roads which lie outside the lease boundary for which a BLM right-of-way is required: N/A
- l. Other:

Surface disturbance and vehicular travel will be limited to the approved location access road. Any additional area needed must be approved by the Area Manager in advance.

If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

- 3. Location of Existing Wells-on a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Attachment "B"
- 4. Location of Production Facilities:
 - a. On-site facilities: See Attachment "E"
 - b. Off-site facilities: none
 - c. The pipelines and powerlines will follow the proposed access route with the powerline located on the north/east side of the road and the pipelines on the west/south. The pipelines will be approximately 4" for the gas and 4" for the water. Refer to map Exhibit "B" page 1 for the location of the proposed pipeline. The length of the pipeline will be approximately 100' long. The pipelines will be brought to the USA 15-528h from the USA 15-422.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Olive Black

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7-3 and Onshore Oil and Gas Order No. 4

Production facilities on location may include a lined or unlined produced water pit as specified in NTL-2B. If water is produced from the well, an NTL-2B application must be submitted.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): PRWID

A temporary water use permit for this operation will be obtained from the Utah State Engineer in Price, Utah at (435) 637-1303.

Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map): Private Owner

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be lined with (native material, bentonite, synthetic material): Pit will be lined with native material unless otherwise designated by BLM officers prior to construction.

The reserve pit will be located at the: West side of the location, and the pit walls will be sloped at no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling

starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations.

8. Ancillary Facilities: Garbage containers and portable toilets.
9. Well Site Layout - depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1" = 50'.

All well, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

Access to the well pad will be from: West of location.

The blooie line will be located in the: West at least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: Water injection.

10. Plans for Restoration of the Surface:

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: adjacent land.

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Sept. and Nov., or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

BLM recommended mixture: Pinion/Juniper

The abandonment marker will be one of the following, as specified by BLM:

- 1) At least four feet above ground level,
- 2) At restored ground level, or
- 3) Below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Additional requirements:

11. Surface and Mineral Ownership: BLM surface/BLM subsurface

12. Other Information:

a. Archeological Concerns: none

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Threatened and Endangered Species Concerns: No
- c. Wildlife Seasonal Restrictions (yes/no): See EIS
- d. Off Location Geophysical Testing: N/A
- e. Drainage crossings that require additional State or Federal approval: N/A
- f. Other: N/A

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Jean Semborski

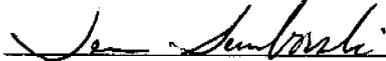
Title: Permitting Supervisor

Address: 6825 S. 5300 W. P.O. Box 851
Price, Utah 84501

Phone No: (435) 613-9777 Fax (435) 613-9782

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under **BLM bond no. 8015-16-69**. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Signature

Permitting Supervisor

Title

6/17/03

Date

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the Resource Area, Natural Resource Protection Specialist at least 24 hours prior to commencing construction of location.

Spud- The spud date will be reported to the Resource Area Office 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted the District Office within 24 hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the District Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. "Sundry Notices and Reports on Wells: (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the Resource Area in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

First Production- Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five (5) business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Resource Area Office. The Resource Area Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Re-completion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analysis, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings and/or samples) will be submitted when requested by the Assistant District Manager.

Venting/Flaring of Gas-NTL-4A allows venting/flaring of gas during the initial well evaluation period not to exceed 30 days or 50 MMcf. Venting/flaring beyond the initial test period threshold must be approved by the District Office.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Assistant District Manager for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Divisions within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

TABLE 1
NOTIFICATIONS

Notify Don Stephens of the Price Resource Area, at (435)636-3608 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface and intermediate casing depths;

3 hours prior to testing BOP;

12 hours prior to reaching kickoff point depth (if applicable).

If the person at the above number cannot be reached, notify the Moab District Office at (435) 259-6111. If unsuccessful, notify one of the people listed below.

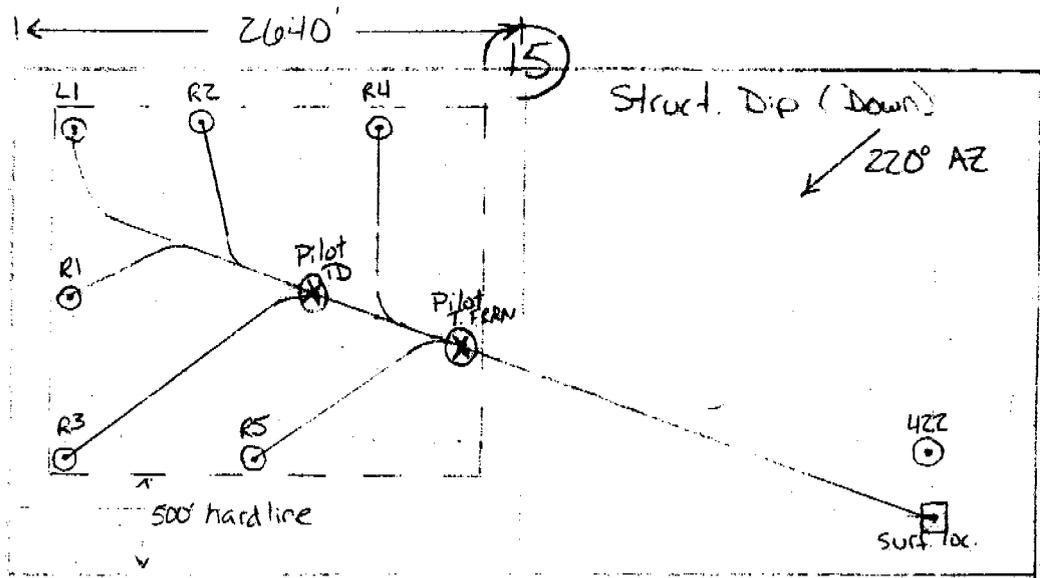
Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab District Office, Branch of Fluid Minerals at (435) 259-6111. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer Office: (435) 259-6111
Home: (435) 259-2214

528 D Horizontal Multilateral J Ballou 28 Mar 03

Surf loc. (#422) ^{Near} 300 FSL 500 FSL (SE) 15-152-8E Est GL 7270'
 Pilot BHL ~1450' FSL ~1550' FWL (SW) 15-155-8E

Subsea	Target	from surf. loc		X	Y	TVD
Pilot T. FERRON	1200' FSL	2300' FWL	2450' W	850' N	3770' T.F.	
Pilot TD	~1450' FSL	~1550' FWL	~3200' W	~1150' N	~4065' *	
Lateral 1			4450' W	2000' N	3780' + **	
Radial 1			4450' W	1100' N	3790' +	
Radial 2			3800' W	2000' N	3770' +	
Radial 3			4450' W	250' N	3800' +	
Radial 4			2850' W	2000' N	3760' +	
Radial 5			3500' W	250' N	3790' +	



Unit Boundary

22

Well	Est Length
Pilot - T. FERRON	L1 2500'
2600'	R1 700'
MAX LENGTH	R2 800'
5100'	R3 1500'
	R4 1050'
	R5 1100'
	<u>7650'</u>

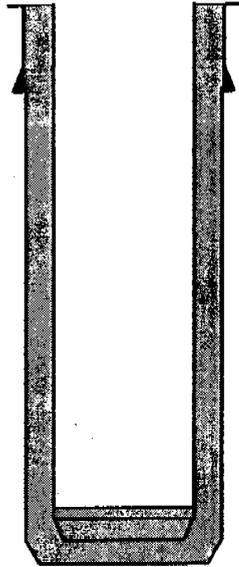
Notes

- Hardlines are 500' from unit boundary + 200' from gtr sec lines
- #466, #422, #420 T. Ferron - Base Coal = 195' TVD
- Total Struct. Diff +/- 60 ft.
- Max. Coal seam thickness 9-11' in offsets (1 seam) + 2nd thickest seam = 6 ft
- L1, R1, R3, R5 are down dip 10-30 ft of pilot + R2 is flat
- est. 3 laterals

* Pilot TD ~1000 TVD 2nd Base Coal est'd at 3965' TVD
 ** TVD T. Ferron to Seam #1 Seam #2 Seam #3
 40' 60' 190'
 Thickest

10-3/4" Surface Casing
Well Information & Calculations

Well # 528 HML



	Depth	Excess	<- Outer ->		<- Inner ->		cu ft/ft	bbl/ft	cu ft	bbl
			OD	ID	OD	ID				
RKB / Surface	0									
16" Conductor	20									
Displacement					10.75	10.192	0.5666	0.1009		47.2
Spacer Length	280									
Primary Cmt-1		0%	13.75	13.75	10.75	10.192	0.4009	0.0714	8.0	
Primary Cmt-2	480	65%	13.75	13.75	10.75	10.192	0.4009	0.0714	330.7	
Shoe Track	468	0%			10.75	10.192	0.5666	0.1009	18.1	
Casing TD	500									
BHST Grad'nt	1.5									
Est BHST =	88 °F									

TOTAL TAIL SLURRY (ft³) 356.9
TOTAL DISPLACEMENT VOLUME (bbl) 47.2

PRIMARY CEMENT SLURRY

Class 'AG300' Cement		305 sx	Slurry Volume	357 cu ft
	0.0% bwoc-db	0.0 lbs		63.6 bbl
	0.0% bwoc-db	0.0 lbs	Slurry Density	15.8 ppg
CaCl ₂ (Accelerator)	2.0% bwoc-db	573.4 lbs	Slurry Yield	1.17 cu ft/sk
Flocele	0.125 lb/sk	38.1 lbs	Mix Fluid	5.0 gal/sk
Defoamer (if req'd)	0 gal/bbl	0.0 gal		

No excess's for losses, dead volumes, etc

SPACER REQUIREMENTS

Fresh Water 20 bbl 8.33 ppg

SLURRY DESIGN PARAMETERS

(Ref test : CO2-0092)

	<u>Lead Cement</u>	<u>Primary Cement</u>
Thickening Time (approx; 80°F BHCT)	NA	02:30 to 3:00
Compressive Strength (est)	80 deg F	80 deg F
8 hr	NA	671
12 hr	NA	1,116 psi
24 hr	NA	2,452 psi
Free Water	NA	NA

PUMPING SCHEDULE

	Volume Rate		Job Time		Cement Thickening Time	
	bbbls	bpm	Pump	min	min	max
Spacer #1	3	4	HES	1		
Drop Bottom Plug	0	0	HES	8		
Spacer #2 (*Fresh Water*)	20	4	HES	0		
Mix & Pump Lead Slurry	0.0	5	HES	0	NA	(est)
Mix & Pump Tail Slurry	63.6	4	HES	16	02:30 to 3:00	(est)
Drop Top Plug	0	0	HES	8		
Displacement (*Fresh Water*)	47.2	3.5	HES	13		
Total Est Job Time / Cementing time		46 min		37 min		
Design Recommended Min/Max TT				0.62 hr		

MATERIAL REQUIREMENTS

		BULK VOLUMES	BULK WEIGHTS
Class 'AG300' Cement	310.0 sx	310.0 ft ³	14.57 tons
CaCl ₂ (Accelerator)	580.0 lbs	11.485 ft ³	0.29 tons
Flocele	40.0 lbs	2.7 ft ³	0.02 tons
Defoamer (if req'd)	0.0 gal		
		<u>324 ft³</u>	<u>14.88 tons</u>

SLURRY DESIGN PARAMETERS

(reference test: CO2-0119)

Thickening Time (est; 80°F BHCT)	Lead Cement	Tail Cement
	10:00 to 12:00	+/- 9:55
Compressive Strength (est)	80 deg F	80 deg F
8 hr	NA	122 psi
12 hr	"	249 psi
24 hr	"	488 psi
36 hr	"	600 psi
500 psi		25:01 hr:min

SPACER REQUIREMENTS

Fresh Water 20 bbl 8.33 ppg

PUMPING SCHEDULE

	Volume Rate		Job Time		Cement Thickening Time
	bbls	bpm	Pump	min	
Spacer #1 (*Fresh Water*)	20	4	HES	5	
Drop Bottom Plug			HES	8	
Mix & Pump Lead Slurry	212.7	4	HES	53	10:00 to 12:00
Mix & Pump Tail Slurry	26.8	4	HES	7	9:55 (est)
Drop Top Plug (N/A)			HES	5	
Displacement (Fresh Water)	294.2	5	HES	59	
					min max
Total Est Job Time / Cementing time		137 min		124 min	
Design Recommended Min/Max TT				2.06 hr	

MATERIAL REQUIREMENTS

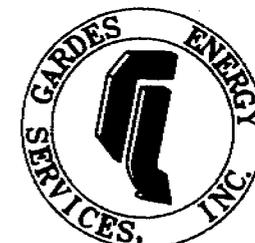
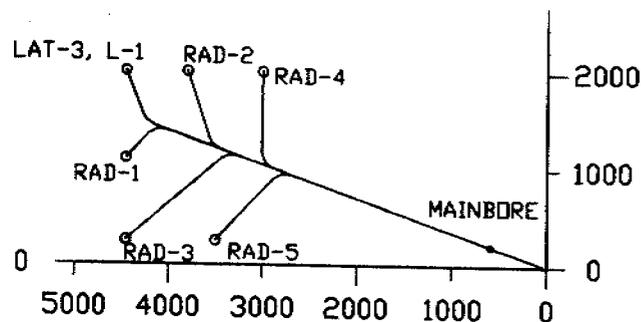
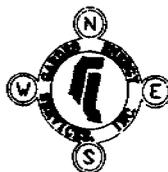
		BULK VOLUMES	BULK WEIGHTS
Premium 50:50 Poz	600.0 sx	600.0 ft ³	28.20 tons
Premium Class 'AG300' Cement	100.0 sx	0.0 ft ³	0.00 tons
JB Flyash / Poz	20,950.0 lbs	349.2 ft ³	10.48 tons
Gel	740.0 lbs	24.7 ft ³	0.37 tons
CalSeal	1,380.0 lbs	27.3 ft ³	0.69 tons
KCl	1,200.0 lbs	0.0 ft ³	0.60 tons
Calcium Chloride	190.0 lbs	2.7 ft ³	0.10 tons
Defoamer (if req'd)	10.0 gal	0.0 ft ³	0.01 tons

1,004 ft³ 40.44 tons

**CONOCO-PHILLIPS
WELL, 528 HML
SEC.8, TS 15S, R9E
CARBON COUNTY, UTAH**

4/30/03

PLAN VIEW
SCALE: 1 Inch = 2000'

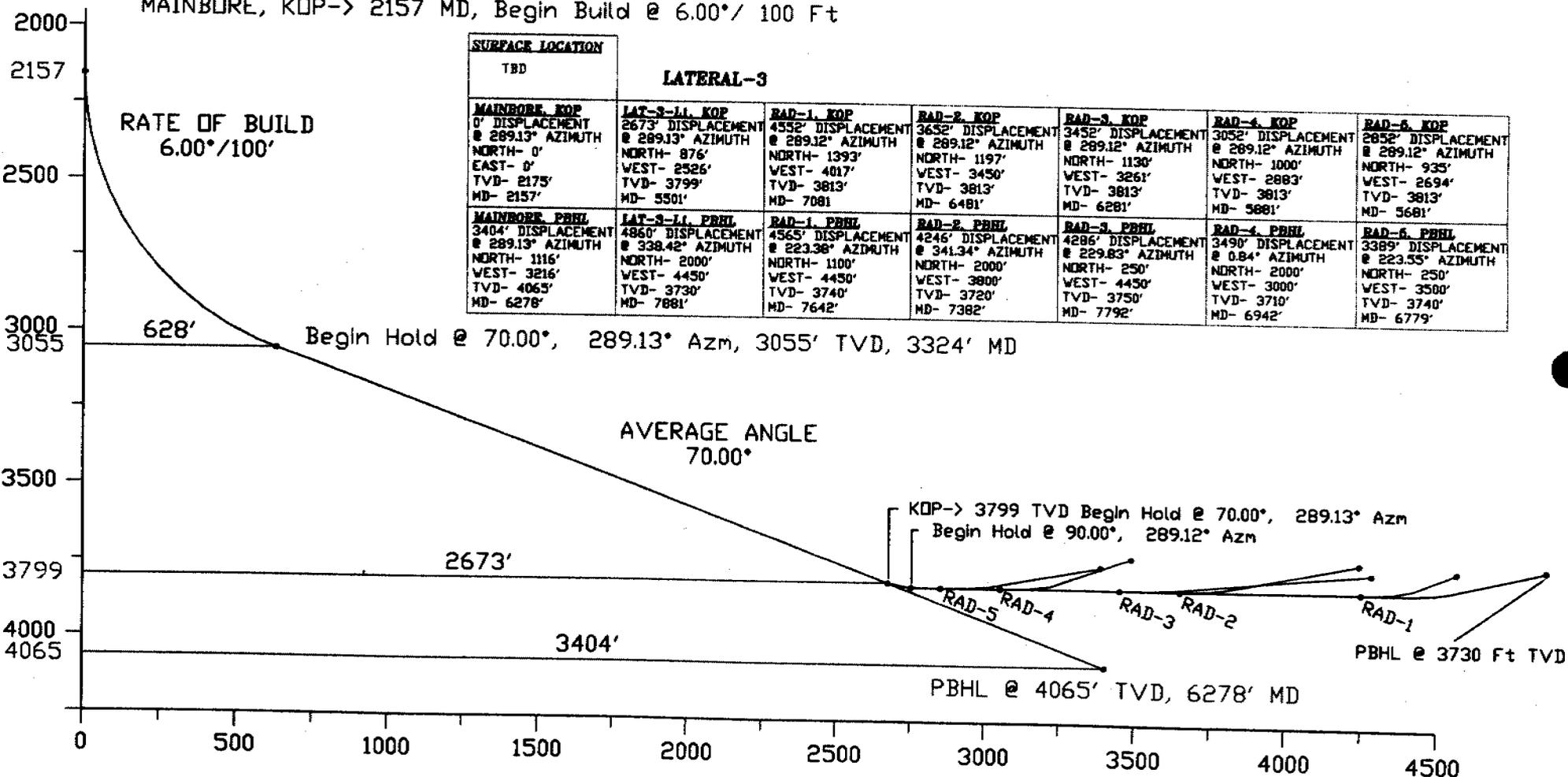


(337) 234-6544 LAFAYETTE, LA
drawn by: RONALD J. DAIGLE
AC-CPSBLAT-3, V-CPSBL3

VERTICAL SECTION
SCALE: 1 Inch = 500'

VERTICAL SECTION PLANE = 289.13

MAINBORE, KOP -> 2157 MD, Begin Build @ 6.00°/ 100 Ft





Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\ICP528L3.SVY
Date/Time: 14-May-03 / 13:32
Curve Name: C1, MAINBORE

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT Direction Deg		Dogleg Severity Deg/100
MAINBORE, KOP-> 2157 MD, Begin Build @ 6.00°/ 100 Ft									
2157.48	.00	289.13	2157.48	.00	.00	.00	.00	.00	.00
2257.48	6.00	289.13	2257.30	1.71	-4.94	5.23	5.23	289.13	6.00
2357.48	12.00	289.13	2356.02	6.84	-19.71	20.87	20.87	289.13	6.00
2457.48	18.00	289.13	2452.57	15.32	-44.16	46.74	46.74	289.13	6.00
2557.48	24.00	289.13	2545.89	27.06	-78.00	82.56	82.56	289.13	6.00
2657.48	30.00	289.13	2634.95	41.93	-120.87	127.94	127.94	289.13	6.00
2757.48	36.00	289.13	2718.77	59.78	-172.30	182.38	182.38	289.13	6.00
2857.48	42.00	289.13	2796.45	80.40	-231.73	245.28	245.28	289.13	6.00
2957.48	48.00	289.13	2867.13	103.56	-298.50	315.96	315.96	289.13	6.00
3057.48	54.00	289.13	2930.04	129.02	-371.89	393.64	393.64	289.13	6.00
3157.48	60.00	289.13	2984.47	156.50	-451.09	477.46	477.46	289.13	6.00
3257.48	66.00	289.13	3029.85	185.69	-535.23	566.52	566.52	289.13	6.00
Begin Hold @ 70.00°, 289.13° Azm, 3055' TVD, 3324' MD									
3324.15	70.00	289.13	3054.82	205.95	-593.61	628.32	628.32	289.13	6.00
3424.15	70.00	289.13	3089.02	236.75	-682.39	722.29	722.29	289.13	.00
3524.15	70.00	289.13	3123.23	267.55	-771.17	816.26	816.26	289.13	.00
3624.15	70.00	289.13	3157.43	298.35	-859.95	910.23	910.23	289.13	.00
3724.15	70.00	289.13	3191.63	329.15	-948.73	1004.20	1004.20	289.13	.00
3824.15	70.00	289.13	3225.83	359.95	-1037.50	1098.17	1098.17	289.13	.00
3924.15	70.00	289.13	3260.03	390.75	-1126.28	1192.14	1192.14	289.13	.00
4024.15	70.00	289.13	3294.24	421.55	-1215.06	1286.11	1286.11	289.13	.00
4124.15	70.00	289.13	3328.44	452.35	-1303.84	1380.08	1380.08	289.13	.00
4224.15	70.00	289.13	3362.64	483.15	-1392.62	1474.05	1474.05	289.13	.00
4324.15	70.00	289.13	3396.84	513.95	-1481.39	1568.02	1568.02	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4424.15	70.00	289.13	3431.04	544.75	-1570.17	1661.99	1661.99	289.13	.00
4524.15	70.00	289.13	3465.25	575.55	-1658.95	1755.96	1755.96	289.13	.00
4624.15	70.00	289.13	3499.45	606.35	-1747.73	1849.92	1849.92	289.13	.00
4724.15	70.00	289.13	3533.65	637.15	-1836.51	1943.89	1943.89	289.13	.00
4824.15	70.00	289.13	3567.85	667.96	-1925.29	2037.86	2037.86	289.13	.00
4924.15	70.00	289.13	3602.05	698.76	-2014.06	2131.83	2131.83	289.13	.00
5024.15	70.00	289.13	3636.26	729.56	-2102.84	2225.80	2225.80	289.13	.00
5124.15	70.00	289.13	3670.46	760.36	-2191.62	2319.77	2319.77	289.13	.00
5224.15	70.00	289.13	3704.66	791.16	-2280.40	2413.74	2413.74	289.13	.00
5324.15	70.00	289.13	3738.86	821.96	-2369.18	2507.71	2507.71	289.13	.00
5415.19	70.00	289.13	3770.00	850.00	-2450.00	2593.26	2593.26	289.13	.00
5444.43	70.00	289.13	3780.00	859.00	-2475.96	2620.74	2620.74	289.13	.00
LAT-3									
5500.51	70.00	289.13	3799.18	876.28	-2525.75	2673.44	2673.44	289.13	.00
5515.19	70.00	289.13	3804.20	880.80	-2538.78	2687.23	2687.23	289.13	.00
LAT-3									
5564.83	70.00	289.13	3821.18	896.09	-2582.85	2733.88	2733.88	289.13	.00
5615.19	70.00	289.13	3838.40	911.60	-2627.56	2781.20	2781.20	289.13	.00
LAT-1									
5646.70	70.00	289.13	3849.18	921.30	-2655.53	2810.81	2810.81	289.13	.00
5687.10	70.00	289.13	3863.00	933.75	-2691.40	2848.78	2848.78	289.13	.00
5715.19	70.00	289.13	3872.61	942.40	-2716.33	2875.17	2875.17	289.13	.00
5815.19	70.00	289.13	3906.81	973.20	-2805.11	2969.14	2969.14	289.13	.00
5915.19	70.00	289.13	3941.01	1004.00	-2893.89	3063.11	3063.11	289.13	.00
6015.19	70.00	289.13	3975.21	1034.80	-2982.67	3157.08	3157.08	289.13	.00
6115.19	70.00	289.13	4009.41	1065.60	-3071.45	3251.05	3251.05	289.13	.00
6215.19	70.00	289.13	4043.62	1096.40	-3160.22	3345.01	3345.01	289.13	.00
PBHL @ 4065' TVD, 6278' MD									
6277.71	70.00	289.13	4065.00	1115.66	-3215.73	3403.77	3403.77	289.13	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\CP528L3.SVY
Date/Time: 14-May-03 / 13:33
Curve Name: C2, LAT-3, SEAM-1

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>CLOSURE</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
KOP-> 3799 TVD Begin Hold @ 70.00°, 289.13° Azm									
5500.51	70.00	289.13	3799.18	876.28	-2525.74	2673.43	2673.43	289.13	.00
Begin Hold @ 90.00°, 289.12° Azm									
5580.51	90.00	289.12	3813.00	901.96	-2599.80	2751.82	2751.82	289.13	25.00
RAD-5									
5680.51	90.00	289.12	3813.00	934.73	-2694.28	2851.82	2851.82	289.13	.00
5780.51	90.00	289.12	3813.00	967.49	-2788.76	2951.82	2951.82	289.13	.00
RAD-4									
5880.51	90.00	289.12	3813.00	1000.25	-2883.24	3051.82	3051.82	289.13	.00
5980.51	90.00	289.12	3813.00	1033.01	-2977.72	3151.82	3151.82	289.13	.00
6080.51	90.00	289.12	3813.00	1065.77	-3072.20	3251.82	3251.82	289.13	.00
6180.51	90.00	289.12	3813.00	1098.53	-3166.68	3351.82	3351.82	289.13	.00
RAD-3									
6280.51	90.00	289.12	3813.00	1131.30	-3261.17	3451.82	3451.82	289.13	.00
6380.51	90.00	289.12	3813.00	1164.06	-3355.65	3551.82	3551.82	289.13	.00
RAD-2									
6480.51	90.00	289.12	3813.00	1196.82	-3450.13	3651.82	3651.82	289.13	.00
6580.51	90.00	289.12	3813.00	1229.58	-3544.61	3751.82	3751.82	289.13	.00
6680.51	90.00	289.12	3813.00	1262.34	-3639.09	3851.82	3851.82	289.13	.00
6780.51	90.00	289.12	3813.00	1295.10	-3733.57	3951.82	3951.82	289.13	.00
6880.51	90.00	289.12	3813.00	1327.86	-3828.05	4051.82	4051.82	289.13	.00
6980.51	90.00	289.12	3813.00	1360.63	-3922.53	4151.82	4151.82	289.13	.00
RAD-1									
7080.51	90.00	289.12	3813.00	1393.39	-4017.01	4251.82	4251.82	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
7180.51	90.00	289.12	3813.00	1426.15	-4111.50	4351.82	4351.82	289.13	.00
Begin Build and Turn @ 30.00°/ 100 Ft									
7228.69	90.00	289.12	3813.00	1441.94	-4157.02	4400.00	4400.00	289.13	.00
7328.69	95.42	318.68	3808.16	1496.96	-4239.01	4495.50	4495.57	289.45	30.00
Begin Hold @ 98.30°, 338.42° Azm									
7394.74	98.30	338.42	3800.20	1552.59	-4273.08	4545.91	4546.40	289.97	30.00
7494.74	98.30	338.42	3785.76	1644.61	-4309.47	4610.45	4612.62	290.89	.00
7594.74	98.30	338.42	3771.32	1736.63	-4345.85	4674.98	4679.99	291.78	.00
7694.74	98.30	338.42	3756.88	1828.65	-4382.24	4739.51	4748.47	292.65	.00
7794.74	98.30	338.42	3742.45	1920.67	-4418.63	4804.05	4818.01	293.49	.00
PBHL @ 3730 Ft TVD									
7880.95	98.30	338.42	3730.00	2000.00	-4450.00	4859.68	4878.78	294.20	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\ICP528L3.SVY
Date/Time: 16-May-03 / 08:13
Curve Name: C3, LAT-3, R1

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>CLOSURE</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
RAD-1, KOP-> 3813 TVD, 7081' MD									
7080.51	90.00	289.12	3813.00	1393.39	-4017.01	4251.81	4251.81	289.13	.00
7180.51	94.92	259.49	3808.61	1400.85	-4115.49	4347.30	4347.37	288.80	30.00
7280.51	98.55	229.49	3796.61	1358.68	-4204.10	4417.19	4418.20	287.91	30.00
Begin Hold @ 99.02°, 223.38° Azm, 3794' TVD, 7301' MD									
7300.71	99.02	223.38	3793.52	1344.93	-4218.56	4426.35	4427.76	287.68	30.00
7400.71	99.02	223.38	3777.84	1273.14	-4286.39	4466.91	4471.47	286.54	.00
7500.71	99.02	223.38	3762.15	1201.36	-4354.22	4507.47	4516.91	285.42	.00
7600.71	99.02	223.38	3746.46	1129.58	-4422.05	4548.03	4564.04	284.33	.00
PBHL @ 3740' TVD, 7642' MD									
7641.91	99.02	223.38	3740.00	1100.00	-4450.00	4564.74	4583.94	283.88	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\CP528L3.SVY
Date/Time: 16-May-03 / 08:29
Curve Name: C4, LAT-3, R-2

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth</i> FT	<i>Incl Angle</i> Deg	<i>Drift Direction</i> Deg	<i>True Vertical Depth</i>	<i>N-S</i> FT	<i>E-W</i> FT	<i>Vertical Section</i> FT	<i>CLOSURE</i> Distance FT Direction Deg		<i>Dogleg Severity</i> Deg/100
RAD-2, KOP-> 3813 TVD, 6481' MD									
6480.51	90.00	289.12	3813.00	1196.82	-3450.13	3651.82	3651.82	289.13	.00
6580.51	94.10	318.86	3809.34	1252.03	-3532.06	3747.32	3747.40	289.52	30.00
Begin Hold @ 96.51°, 341.34° Azm, 3802' TVD, 6656' MD									
6655.52	96.51	341.34	3802.32	1316.33	-3569.07	3803.35	3804.07	290.24	30.00
6755.52	96.51	341.34	3790.99	1410.46	-3600.86	3864.24	3867.25	291.39	.00
6855.52	96.51	341.34	3779.65	1504.59	-3632.66	3925.13	3931.92	292.50	.00
6955.52	96.51	341.34	3768.32	1598.72	-3664.46	3986.02	3998.02	293.57	.00
7055.52	96.51	341.34	3756.99	1692.85	-3696.25	4046.90	4065.47	294.61	.00
7155.52	96.51	341.34	3745.65	1786.98	-3728.05	4107.79	4134.20	295.61	.00
7255.52	96.51	341.34	3734.32	1881.11	-3759.84	4168.68	4204.16	296.58	.00
7355.52	96.51	341.34	3722.98	1975.24	-3791.64	4229.57	4275.29	297.52	.00
PBHL @ 3720' TVD, 7382' MD									
7381.82	96.51	341.34	3720.00	2000.00	-3800.00	4245.58	4294.18	297.76	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\CP528L3.SVY
 Date/Time: 16-May-03 / 08:32
 Curve Name: C5, LAT-3, R-3

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-3, KOP-> 3813 TVD, 6281' MD									
6280.51	90.00	289.12	3813.00	1131.30	-3261.17	3451.82	3451.82	289.13	.00
6380.51	91.48	259.15	3811.68	1138.43	-3359.76	3547.31	3547.40	288.72	30.00
Begin Hold @ 92.54°, 229.83° Azm, 3808' TVD, 6478' MD									
6478.27	92.54	229.83	3808.18	1096.83	-3446.98	3616.07	3617.28	287.65	30.00
6578.27	92.54	229.83	3803.76	1032.38	-3523.31	3667.07	3671.45	286.33	.00
6678.27	92.54	229.83	3799.33	967.93	-3599.65	3718.07	3727.51	285.05	.00
6778.27	92.54	229.83	3794.90	903.48	-3675.98	3769.07	3785.38	283.81	.00
6878.27	92.54	229.83	3790.47	839.04	-3752.32	3820.07	3844.98	282.60	.00
6978.27	92.54	229.83	3786.04	774.59	-3828.65	3871.06	3906.22	281.44	.00
7078.27	92.54	229.83	3781.62	710.14	-3904.98	3922.06	3969.03	280.31	.00
7178.27	92.54	229.83	3777.19	645.70	-3981.32	3973.06	4033.34	279.21	.00
7278.27	92.54	229.83	3772.76	581.25	-4057.65	4024.06	4099.07	278.15	.00
7378.27	92.54	229.83	3768.33	516.80	-4133.99	4075.06	4166.17	277.13	.00
7478.27	92.54	229.83	3763.90	452.35	-4210.32	4126.06	4234.55	276.13	.00
7578.27	92.54	229.83	3759.48	387.91	-4286.66	4177.06	4304.17	275.17	.00
7678.27	92.54	229.83	3755.05	323.46	-4362.99	4228.06	4374.96	274.24	.00
7778.27	92.54	229.83	3750.62	259.01	-4439.33	4279.06	4446.87	273.34	.00
PBHL @ 3750' TVD, 3750' TVD, 7792' MD									
7792.25	92.54	229.83	3750.00	250.00	-4450.00	4286.19	4457.02	273.22	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\CP528L3.SVY
Date/Time: 16-May-03 / 08:34
Curve Name: C6, LAT-3, R-4

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
RAD-4, KOP-> 3813 TVD, 5881' MD									
5880.51	90.00	289.12	3813.00	1000.25	-2883.24	3051.81	3051.81	289.13	.00
5980.51	93.24	318.96	3810.11	1055.55	-2965.14	3147.31	3147.42	289.60	30.00
6080.51	95.61	348.96	3802.22	1144.07	-3008.44	3217.23	3218.63	290.82	30.00
Begin Hold @ 96.16°, 0.84° Azm, 3798' TVD, 6120' MD									
6119.93	96.16	.84	3798.16	1183.06	-3011.92	3233.29	3235.93	291.44	30.00
6219.93	96.16	.84	3787.43	1282.47	-3010.47	3264.50	3272.25	293.07	.00
6319.93	96.16	.84	3776.71	1381.88	-3009.02	3295.71	3311.16	294.67	.00
6419.93	96.16	.84	3765.98	1481.29	-3007.57	3326.92	3352.56	296.22	.00
6519.93	96.16	.84	3755.25	1580.71	-3006.12	3358.13	3396.38	297.74	.00
6619.93	96.16	.84	3744.52	1680.12	-3004.67	3389.34	3442.50	299.21	.00
6719.93	96.16	.84	3733.79	1779.53	-3003.22	3420.55	3490.85	300.65	.00
6819.93	96.16	.84	3723.06	1878.94	-3001.77	3451.75	3541.33	302.04	.00
6919.93	96.16	.84	3712.34	1978.35	-3000.32	3482.96	3593.85	303.40	.00
PBHL @ 3710' TVD, 6942' MD									
6941.70	96.16	.84	3710.00	2000.00	-3000.00	3489.76	3605.55	303.69	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

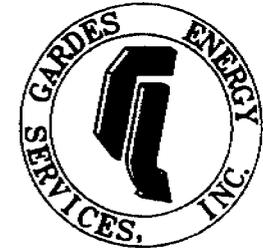
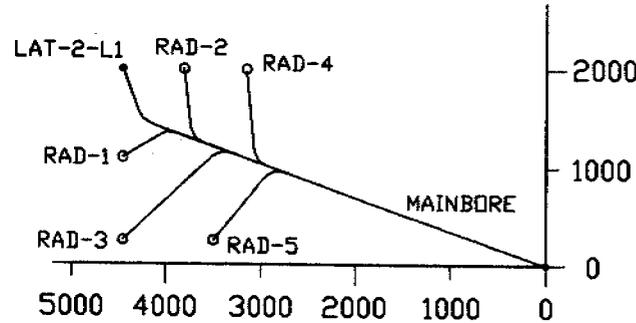
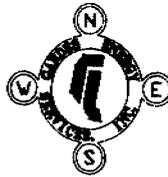
State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRONISURVEYS\CP528L3.SVY
Date/Time: 16-May-03 / 08:36
Curve Name: C7, LAT-3, R-5

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
RAD-5, KOP-> 3813 TVD, 5681' MD									
5680.51	90.00	289.12	3813.00	934.73	-2694.28	2851.82	2851.82	289.13	.00
5780.51	92.29	259.20	3810.96	941.91	-2792.86	2947.31	2947.42	288.64	30.00
5880.51	93.97	229.20	3805.37	898.97	-2881.73	3017.20	3018.70	287.33	30.00
Begin Hold @ 94.17°, 223.55° Azm, 3804' TVD, 5899' MD									
5899.30	94.17	223.55	3804.04	886.05	-2895.29	3025.78	3027.84	287.02	30.00
5999.30	94.17	223.55	3796.76	813.76	-2964.01	3067.01	3073.69	285.35	.00
6099.30	94.17	223.55	3789.48	741.48	-3032.73	3108.25	3122.06	283.74	.00
6199.30	94.17	223.55	3782.21	669.20	-3101.45	3149.49	3172.83	282.18	.00
6299.30	94.17	223.55	3774.93	596.92	-3170.17	3190.73	3225.88	280.66	.00
6399.30	94.17	223.55	3767.65	524.64	-3238.89	3231.96	3281.11	279.20	.00
6499.30	94.17	223.55	3760.37	452.36	-3307.61	3273.20	3338.40	277.79	.00
6599.30	94.17	223.55	3753.10	380.08	-3376.33	3314.44	3397.66	276.42	.00
6699.30	94.17	223.55	3745.82	307.80	-3445.05	3355.68	3458.77	275.11	.00
PBHL @ 3740' TVD, 6779' MD									
6779.25	94.17	223.55	3740.00	250.00	-3500.00	3388.65	3508.92	274.09	.00

**CONOCO-PHILLIPS
WELL, 528 HML
SEC.8, TS 15S, R9E
CARBON COUNTY, UTAH**

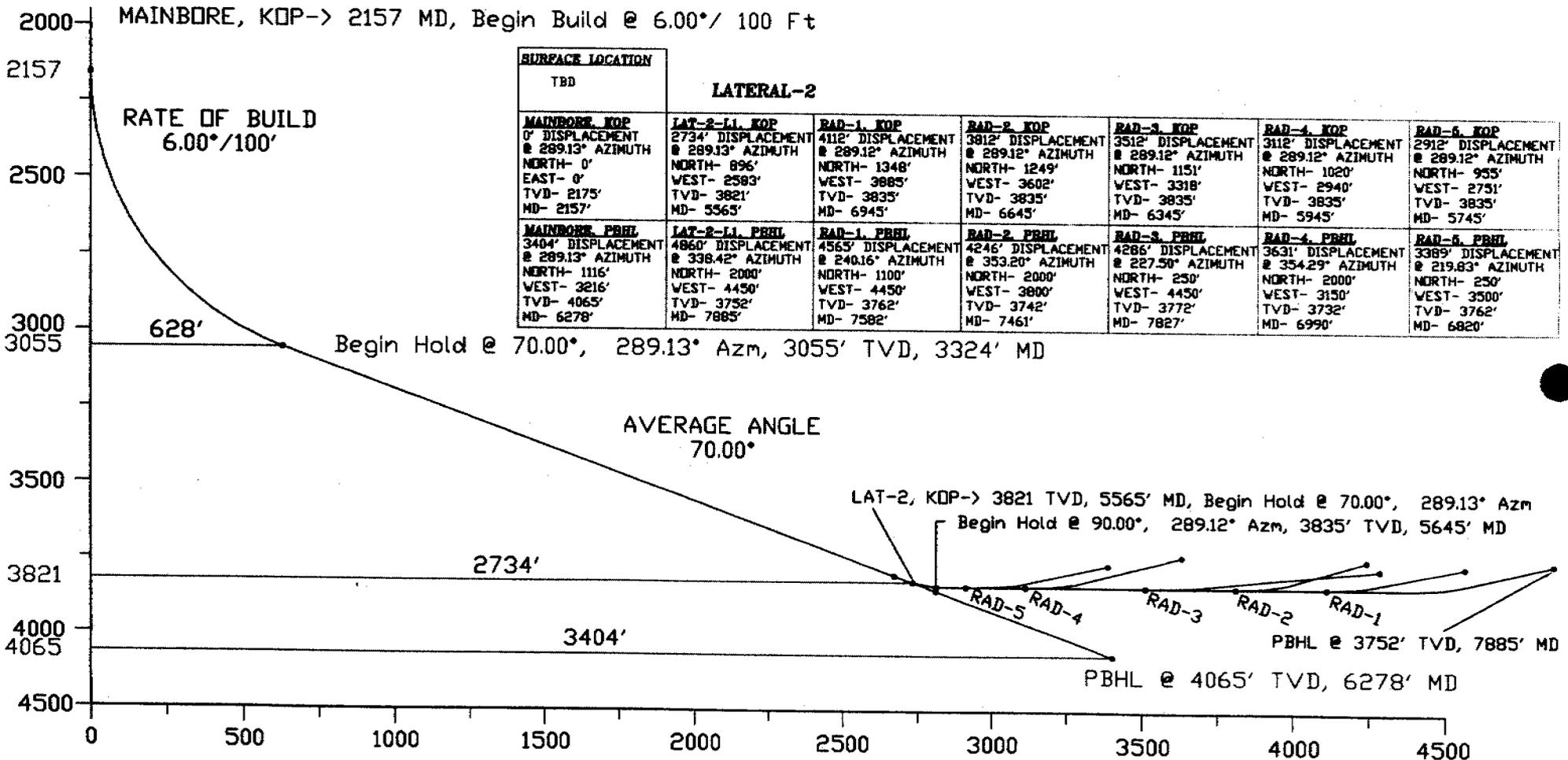
PLAN VIEW
SCALE: 1 inch = 2000'



(337) 234-8544 LAFAYETTE, LA
drawn by: RONALD J. DAIGLE
AC-OPER-LAT-2, V-CORRE

VERTICAL SECTION
SCALE: 1 inch = 500'

VERTICAL SECTION PLANE= 289.13





Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\CP528L2.SVY
 Date/Time: 14-May-03 / 13:18
 Curve Name: C1, MAINBORE

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
MAINBORE, KOP-> 2157 MD, Begin Build @ 6.00°/ 100 Ft									
2157.48	.00	289.13	2157.48	.00	.00	.00	.00	.00	.00
2257.48	6.00	289.13	2257.30	1.71	-4.94	5.23	5.23	289.13	6.00
2357.48	12.00	289.13	2356.02	6.84	-19.71	20.87	20.87	289.13	6.00
2457.48	18.00	289.13	2452.57	15.32	-44.16	46.74	46.74	289.13	6.00
2557.48	24.00	289.13	2545.89	27.06	-78.00	82.56	82.56	289.13	6.00
2657.48	30.00	289.13	2634.95	41.93	-120.87	127.94	127.94	289.13	6.00
2757.48	36.00	289.13	2718.77	59.78	-172.30	182.38	182.38	289.13	6.00
2857.48	42.00	289.13	2796.45	80.40	-231.73	245.28	245.28	289.13	6.00
2957.48	48.00	289.13	2867.13	103.56	-298.50	315.96	315.96	289.13	6.00
3057.48	54.00	289.13	2930.04	129.02	-371.89	393.64	393.64	289.13	6.00
3157.48	60.00	289.13	2984.47	156.50	-451.09	477.46	477.46	289.13	6.00
3257.48	66.00	289.13	3029.85	185.69	-535.23	566.52	566.52	289.13	6.00
Begin Hold @ 70.00°, 289.13° Azm, 3055' TVD, 3324' MD									
3324.15	70.00	289.13	3054.82	205.95	-593.61	628.32	628.32	289.13	6.00
3424.15	70.00	289.13	3089.02	236.75	-682.39	722.29	722.29	289.13	.00
3524.15	70.00	289.13	3123.23	267.55	-771.17	816.26	816.26	289.13	.00
3624.15	70.00	289.13	3157.43	298.35	-859.95	910.23	910.23	289.13	.00
3724.15	70.00	289.13	3191.63	329.15	-948.73	1004.20	1004.20	289.13	.00
3824.15	70.00	289.13	3225.83	359.95	-1037.50	1098.17	1098.17	289.13	.00
3924.15	70.00	289.13	3260.03	390.75	-1126.28	1192.14	1192.14	289.13	.00
4024.15	70.00	289.13	3294.24	421.55	-1215.06	1286.11	1286.11	289.13	.00
4124.15	70.00	289.13	3328.44	452.35	-1303.84	1380.08	1380.08	289.13	.00
4224.15	70.00	289.13	3362.64	483.15	-1392.62	1474.05	1474.05	289.13	.00
4324.15	70.00	289.13	3396.84	513.95	-1481.39	1568.02	1568.02	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4424.15	70.00	289.13	3431.04	544.75	-1570.17	1661.99	1661.99	289.13	.00
4524.15	70.00	289.13	3465.25	575.55	-1658.95	1755.96	1755.96	289.13	.00
4624.15	70.00	289.13	3499.45	606.35	-1747.73	1849.92	1849.92	289.13	.00
4724.15	70.00	289.13	3533.65	637.15	-1836.51	1943.89	1943.89	289.13	.00
4824.15	70.00	289.13	3567.85	667.96	-1925.29	2037.86	2037.86	289.13	.00
4924.15	70.00	289.13	3602.05	698.76	-2014.06	2131.83	2131.83	289.13	.00
5024.15	70.00	289.13	3636.26	729.56	-2102.84	2225.80	2225.80	289.13	.00
5124.15	70.00	289.13	3670.46	760.36	-2191.62	2319.77	2319.77	289.13	.00
5224.15	70.00	289.13	3704.66	791.16	-2280.40	2413.74	2413.74	289.13	.00
5324.15	70.00	289.13	3738.86	821.96	-2369.18	2507.71	2507.71	289.13	.00
5415.19	70.00	289.13	3770.00	850.00	-2450.00	2593.26	2593.26	289.13	.00
5444.43	70.00	289.13	3780.00	859.00	-2475.96	2620.74	2620.74	289.13	.00
LAT-3									
5500.51	70.00	289.13	3799.18	876.28	-2525.75	2673.44	2673.44	289.13	.00
5515.19	70.00	289.13	3804.20	880.80	-2538.78	2687.23	2687.23	289.13	.00
LAT-2									
5564.83	70.00	289.13	3821.18	896.09	-2582.85	2733.88	2733.88	289.13	.00
5615.19	70.00	289.13	3838.40	911.60	-2627.56	2781.20	2781.20	289.13	.00
LAT-1									
5646.70	70.00	289.13	3849.18	921.30	-2655.53	2810.81	2810.81	289.13	.00
5687.10	70.00	289.13	3863.00	933.75	-2691.40	2848.78	2848.78	289.13	.00
5715.19	70.00	289.13	3872.61	942.40	-2716.33	2875.17	2875.17	289.13	.00
5815.19	70.00	289.13	3906.81	973.20	-2805.11	2969.14	2969.14	289.13	.00
5915.19	70.00	289.13	3941.01	1004.00	-2893.89	3063.11	3063.11	289.13	.00
6015.19	70.00	289.13	3975.21	1034.80	-2982.67	3157.08	3157.08	289.13	.00
6115.19	70.00	289.13	4009.41	1065.60	-3071.45	3251.05	3251.05	289.13	.00
6215.19	70.00	289.13	4043.62	1096.40	-3160.22	3345.01	3345.01	289.13	.00
PBHL @ 4065' TVD, 6278' MD									
6277.71	70.00	289.13	4065.00	1115.66	-3215.73	3403.77	3403.77	289.13	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\ICP528L2.SVY
 Date/Time: 14-May-03 / 13:19
 Curve Name: C2, LAT-2, SEAM-2

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
LAT-2, KOP-> 3821 TVD, 5565' MD, Begin Hold @ 70.00°, 289.13° Azm									
5564.83	70.00	289.13	3821.18	896.09	-2582.85	2733.88	2733.88	289.13	.00
Begin Hold @ 90.00°, 289.12° Azm, 3835' TVD, 5645' MD									
5644.83	90.00	289.12	3835.00	921.77	-2656.91	2812.26	2812.26	289.13	25.00
RAD-5									
5744.83	90.00	289.12	3835.00	954.54	-2751.39	2912.26	2912.26	289.13	.00
5844.83	90.00	289.12	3835.00	987.29	-2845.87	3012.26	3012.26	289.13	.00
RAD-4									
5944.83	90.00	289.12	3835.00	1020.05	-2940.35	3112.26	3112.26	289.13	.00
6044.83	90.00	289.12	3835.00	1052.81	-3034.84	3212.26	3212.26	289.13	.00
6144.83	90.00	289.12	3835.00	1085.57	-3129.32	3312.26	3312.26	289.13	.00
6244.83	90.00	289.12	3835.00	1118.33	-3223.80	3412.26	3412.26	289.13	.00
RAD-3									
6344.83	90.00	289.12	3835.00	1151.10	-3318.28	3512.26	3512.26	289.13	.00
6444.83	90.00	289.12	3835.00	1183.86	-3412.76	3612.26	3612.26	289.13	.00
6544.83	90.00	289.12	3835.00	1216.62	-3507.24	3712.26	3712.26	289.13	.00
RAD-2									
6644.83	90.00	289.12	3835.00	1249.38	-3601.72	3812.26	3812.26	289.13	.00
6744.83	90.00	289.12	3835.00	1282.14	-3696.20	3912.26	3912.26	289.13	.00
6844.83	90.00	289.12	3835.00	1314.90	-3790.69	4012.26	4012.26	289.13	.00
RAD-1									
6944.83	90.00	289.12	3835.00	1347.66	-3885.17	4112.26	4112.26	289.13	.00
7044.83	90.00	289.12	3835.00	1380.42	-3979.65	4212.26	4212.26	289.13	.00
7144.83	90.00	289.12	3835.00	1413.19	-4074.13	4312.26	4312.26	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
Begin Build and Turn @ 30.00°/ 100 Ft, 3835' TVD, 7233' MD									
7232.57	90.00	289.12	3835.00	1441.93	-4157.02	4400.00	4400.00	289.13	.00
7332.57	95.42	318.67	3830.16	1496.95	-4239.01	4495.50	4495.57	289.45	30.00
Begin Hold @ 98.30°, 338.42° Azm, 3822' TVD, 7399' MD									
7398.62	98.30	338.42	3822.20	1552.59	-4273.08	4545.91	4546.40	289.97	30.00
7498.62	98.30	338.42	3807.76	1644.61	-4309.47	4610.45	4612.62	290.89	.00
7598.62	98.30	338.42	3793.32	1736.63	-4345.86	4674.98	4679.99	291.78	.00
7698.62	98.30	338.42	3778.88	1828.64	-4382.24	4739.52	4748.47	292.65	.00
7798.62	98.30	338.42	3764.45	1920.66	-4418.63	4804.05	4818.01	293.49	.00
PBHL @ 3752' TVD, 7885' MD									
7884.83	98.30	338.42	3752.00	1999.99	-4450.00	4859.68	4878.78	294.20	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\CP528L2.SVY
 Date/Time: 14-May-03 / 13:22
 Curve Name: C3, LAT-2, R1

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-1, KOP-> 3835 TVD, 6945' MD									
6944.83	90.00	289.12	3835.00	1347.67	-3885.16	4112.26	4112.26	289.13	.00
7044.83	94.92	259.49	3830.61	1355.13	-3983.64	4207.75	4207.82	288.79	30.00
Begin Hold @ 97.49°, 240.16° Azm, 3824' TVD, 7109' MD									
7109.45	97.49	240.16	3823.56	1333.11	-4043.65	4257.23	4257.73	288.25	30.00
7209.45	97.49	240.16	3810.53	1283.77	-4129.65	4322.31	4324.59	287.27	.00
7309.45	97.49	240.16	3797.50	1234.44	-4215.65	4387.39	4392.67	286.32	.00
7409.45	97.49	240.16	3784.47	1185.10	-4301.65	4452.48	4461.92	285.40	.00
7509.45	97.49	240.16	3771.44	1135.77	-4387.66	4517.56	4532.27	284.51	.00
PBHL @ 3762' TVD, 7582' MD									
7581.94	97.49	240.16	3762.00	1100.00	-4450.00	4564.74	4583.94	283.88	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\CP528L2.SVY
 Date/Time: 14-May-03 / 13:23
 Curve Name: C4, LAT-2, R-2

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity
							Distance FT	Direction Deg	Deg/100
RAD-2, KOP-> 3835 TVD, 6645' MD									
6644.83	90.00	289.12	3835.00	1249.39	-3601.72	3812.26	3812.26	289.13	.00
6744.83	94.10	318.86	3831.34	1304.60	-3683.65	3907.76	3907.84	289.50	30.00
6844.83	97.11	348.86	3821.36	1392.87	-3727.04	3977.68	3978.80	290.49	30.00
Begin Hold @ 97.40°, 353.20° Azm, 3820' TVD, 6859' MD									
6859.19	97.40	353.20	3819.54	1406.94	-3729.26	3984.39	3985.83	290.67	30.00
6959.19	97.40	353.20	3806.67	1505.41	-3741.00	4027.76	4032.54	291.92	.00
7059.19	97.40	353.20	3793.79	1603.88	-3752.75	4071.12	4081.12	293.14	.00
7159.19	97.40	353.20	3780.92	1702.35	-3764.50	4114.49	4131.51	294.33	.00
7259.19	97.40	353.20	3768.04	1800.82	-3776.24	4157.86	4183.65	295.50	.00
7359.19	97.40	353.20	3755.17	1899.29	-3787.99	4201.22	4237.47	296.63	.00
7459.19	97.40	353.20	3742.29	1997.76	-3799.73	4244.59	4292.90	297.73	.00
PBHL @ 3742' TVD, 7461' MD									
7461.47	97.40	353.20	3742.00	2000.00	-3800.00	4245.58	4294.18	297.76	.01



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTAH
 Declination:
 Grid:
 File name: E:\IRONISURVEYS\ICP528L2.SVY
 Date/Time: 14-May-03 / 13:24
 Curve Name: C5, LAT-2, R-3

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-3, KOP-> 3835 TVD, 6345' MD									
6344.83	90.00	289.12	3835.00	1151.10	-3318.28	3512.27	3512.27	289.13	.00
6444.83	91.48	259.15	3833.68	1158.23	-3416.87	3607.75	3607.84	288.73	30.00
6544.83	92.56	229.15	3830.08	1115.17	-3505.79	3677.65	3678.88	287.65	30.00
Begin Hold @ 92.60°, 227.50° Azm, 3830' TVD, 6550' MD									
6550.34	92.60	227.50	3829.84	1111.51	-3509.91	3680.33	3681.70	287.57	30.00
6650.34	92.60	227.50	3825.30	1044.02	-3583.55	3727.80	3732.54	286.24	.00
6750.34	92.60	227.50	3820.77	976.52	-3657.20	3775.26	3785.33	284.95	.00
6850.34	92.60	227.50	3816.24	909.03	-3730.85	3822.73	3840.00	283.69	.00
6950.34	92.60	227.50	3811.71	841.54	-3804.50	3870.19	3896.46	282.47	.00
7050.34	92.60	227.50	3807.18	774.05	-3878.15	3917.65	3954.64	281.29	.00
7150.34	92.60	227.50	3802.65	706.55	-3951.80	3965.12	4014.47	280.14	.00
7250.34	92.60	227.50	3798.12	639.06	-4025.45	4012.58	4075.86	279.02	.00
7350.34	92.60	227.50	3793.59	571.57	-4099.10	4060.05	4138.76	277.94	.00
7450.34	92.60	227.50	3789.06	504.07	-4172.75	4107.51	4203.09	276.89	.00
7550.34	92.60	227.50	3784.53	436.58	-4246.40	4154.97	4268.78	275.87	.00
7650.34	92.60	227.50	3779.99	369.09	-4320.05	4202.44	4335.79	274.88	.00
7750.34	92.60	227.50	3775.46	301.60	-4393.70	4249.90	4404.04	273.93	.00
PBHL @ 3772' TVD, 7827' MD									
7826.79	92.60	227.50	3772.00	250.00	-4450.00	4286.19	4457.02	273.22	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTAH
 Declination:
 Grid:
 File name: E:IRONISURVEYS\CP528L2.SVY
 Date/Time: 14-May-03 / 13:28
 Curve Name: C6, LAT-2, R-4

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-4, KOP-> 3835 TVD, 5945' MD									
5944.83	90.00	289.12	3835.00	1020.06	-2940.35	3112.26	3112.26	289.13	.00
6044.83	93.42	318.94	3831.95	1075.34	-3022.25	3207.76	3207.86	289.59	30.00
6144.83	95.93	348.94	3823.61	1163.82	-3065.57	3277.68	3279.05	290.79	30.00
Begin Hold @ 96.22°, 354.29° Azm, 3822' TVD, 6163' MD									
6162.59	96.22	354.29	3821.73	1181.28	-3068.14	3285.83	3287.69	291.06	30.00
6262.59	96.22	354.29	3810.89	1280.19	-3078.03	3327.59	3333.64	292.58	.00
6362.59	96.22	354.29	3800.05	1379.11	-3087.92	3369.35	3381.90	294.07	.00
6462.59	96.22	354.29	3789.20	1478.03	-3097.81	3411.11	3432.35	295.51	.00
6562.59	96.22	354.29	3778.36	1576.95	-3107.70	3452.87	3484.91	296.90	.00
6662.59	96.22	354.29	3767.52	1675.86	-3117.59	3494.63	3539.48	298.26	.00
6762.59	96.22	354.29	3756.68	1774.78	-3127.48	3536.39	3595.97	299.57	.00
6862.59	96.22	354.29	3745.84	1873.70	-3137.37	3578.15	3654.29	300.85	.00
6962.59	96.22	354.29	3735.00	1972.62	-3147.26	3619.91	3714.36	302.08	.00
PBHL @ 3732' TVD, 6990' MD									
6990.27	96.22	354.29	3732.00	2000.00	-3150.00	3631.47	3731.29	302.41	.00



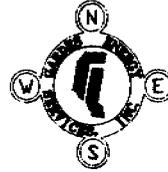
Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\ROMSURVEYS\ICP528L2.SVY
 Date/Time: 14-May-03 / 13:30
 Curve Name: C7, LAT-2, R-5

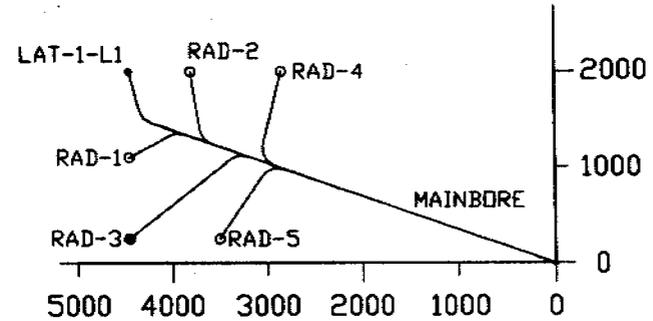
WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-5, KOP-> 3835 TVD, 5745' MD									
5744.83	90.00	289.12	3835.00	954.54	-2751.39	2912.27	2912.27	289.13	.00
5844.83	92.29	259.20	3832.96	961.72	-2849.97	3007.75	3007.86	288.65	30.00
5944.83	93.97	229.20	3827.37	918.78	-2938.84	3077.65	3079.12	287.36	30.00
Begin Hold @ 94.29°, 219.83° Azm, 3825' TVD, 5976' MD									
5975.99	94.29	219.83	3825.12	896.64	-2960.61	3090.96	3093.41	286.85	30.00
6075.99	94.29	219.83	3817.65	820.07	-3024.48	3126.21	3133.69	285.17	.00
6175.99	94.29	219.83	3810.17	743.49	-3088.36	3161.46	3176.59	283.54	.00
6275.99	94.29	219.83	3802.70	666.91	-3152.24	3196.72	3222.01	281.95	.00
6375.99	94.29	219.83	3795.22	590.34	-3216.11	3231.97	3269.84	280.40	.00
6475.99	94.29	219.83	3787.75	513.76	-3279.99	3267.22	3319.98	278.90	.00
6575.99	94.29	219.83	3780.27	437.18	-3343.86	3302.48	3372.32	277.45	.00
6675.99	94.29	219.83	3772.80	360.61	-3407.74	3337.73	3426.77	276.04	.00
6775.99	94.29	219.83	3765.32	284.03	-3471.61	3372.98	3483.21	274.68	.00
PBHL @ 3762' TVD, 6820' MD									
6820.43	94.29	219.83	3762.00	250.00	-3500.00	3388.65	3508.92	274.09	.01

**CONOCO-PHILLIPS
WELL, 528 HML
SEC.8, TS 15S, R9E
CARBON COUNTY, UTAH**

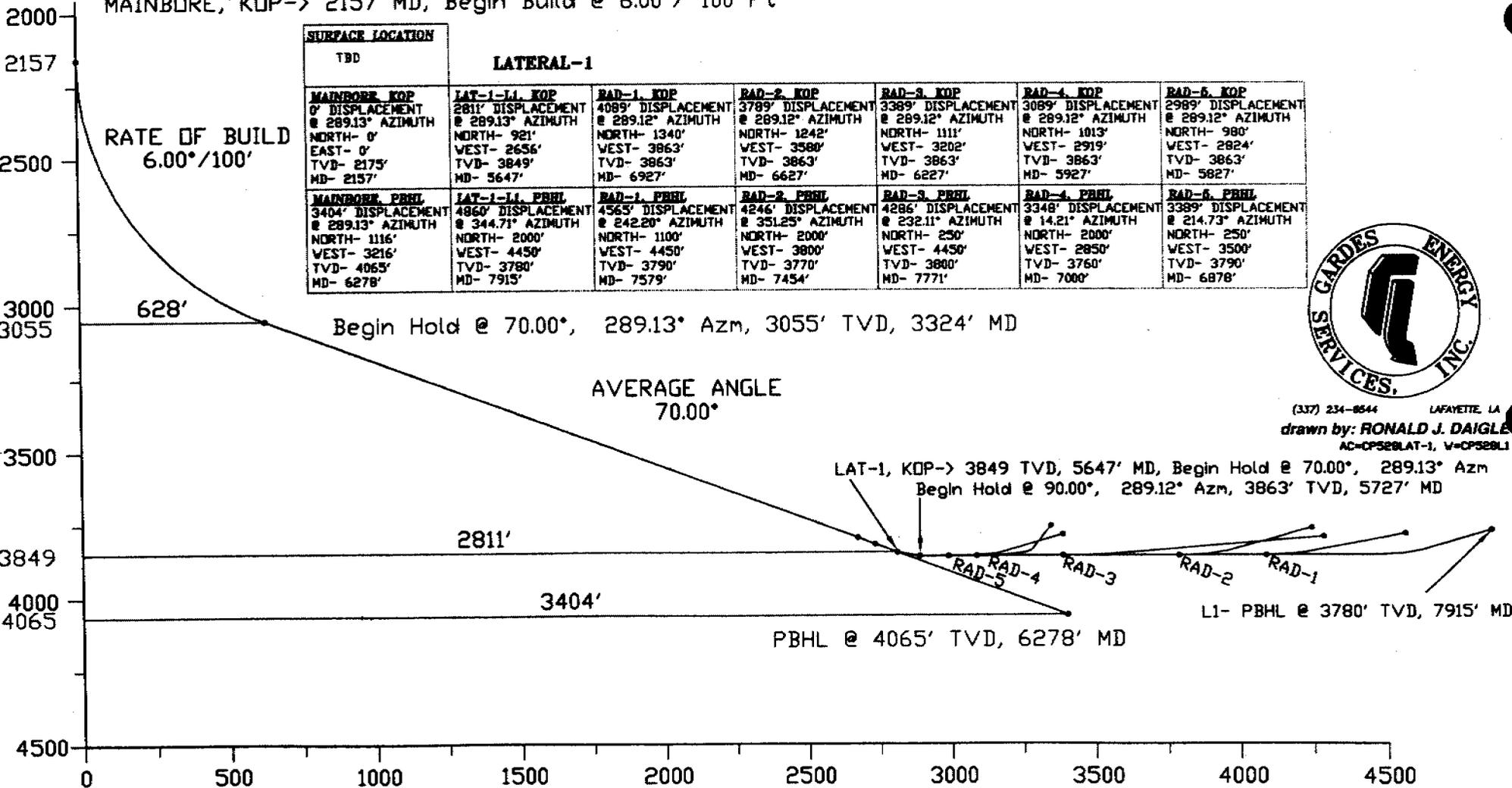


PLAN VIEW
SCALE: 1 inch = 2000'



VERTICAL SECTION
SCALE: 1 inch = 500'
VERTICAL SECTION PLANE= 289.13

MAINBORE, KOP-> 2157 MD, Begin Build @ 6.00°/ 100 Ft



SURFACE LOCATION		LATERAL-1					
TBD		LAT-1-L1	RAD-1	RAD-2	RAD-3	RAD-4	RAD-5
MAINBORE KOP 0' DISPLACEMENT @ 289.13° AZIMUTH NORTH- 0' EAST- 0' TVD- 2175' MD- 2157'	LAT-1-L1 KOP 2811' DISPLACEMENT @ 289.13° AZIMUTH NORTH- 921' WEST- 2656' TVD- 3849' MD- 3647'	RAD-1 KOP 4089' DISPLACEMENT @ 289.12° AZIMUTH NORTH- 1340' WEST- 3863' TVD- 3863' MD- 6927'	RAD-2 KOP 3789' DISPLACEMENT @ 289.12° AZIMUTH NORTH- 1242' WEST- 3580' TVD- 3863' MD- 6627'	RAD-3 KOP 3389' DISPLACEMENT @ 289.12° AZIMUTH NORTH- 1111' WEST- 3202' TVD- 3863' MD- 6227'	RAD-4 KOP 3089' DISPLACEMENT @ 289.12° AZIMUTH NORTH- 1013' WEST- 2919' TVD- 3863' MD- 5927'	RAD-5 KOP 2989' DISPLACEMENT @ 289.12° AZIMUTH NORTH- 980' WEST- 2824' TVD- 3863' MD- 5827'	
MAINBORE PBHL 3404' DISPLACEMENT @ 289.13° AZIMUTH NORTH- 1116' WEST- 3216' TVD- 4065' MD- 6278'	LAT-1-L1 PBHL 4860' DISPLACEMENT @ 344.71° AZIMUTH NORTH- 2000' WEST- 4450' TVD- 3780' MD- 7915'	RAD-1 PBHL 4565' DISPLACEMENT @ 242.20° AZIMUTH NORTH- 1100' WEST- 4450' TVD- 3790' MD- 7579'	RAD-2 PBHL 4246' DISPLACEMENT @ 351.25° AZIMUTH NORTH- 2000' WEST- 3800' TVD- 3770' MD- 7454'	RAD-3 PBHL 4286' DISPLACEMENT @ 232.11° AZIMUTH NORTH- 250' WEST- 4450' TVD- 3800' MD- 7771'	RAD-4 PBHL 3348' DISPLACEMENT @ 14.21° AZIMUTH NORTH- 2000' WEST- 2850' TVD- 3760' MD- 7000'	RAD-5 PBHL 3389' DISPLACEMENT @ 214.73° AZIMUTH NORTH- 250' WEST- 3500' TVD- 3790' MD- 6878'	

Begin Hold @ 70.00°, 289.13° Azm, 3055' TVD, 3324' MD

AVERAGE ANGLE
70.00°

LAT-1, KOP-> 3849 TVD, 5647' MD, Begin Hold @ 70.00°, 289.13° Azm
Begin Hold @ 90.00°, 289.12° Azm, 3863' TVD, 5727' MD

L1- PBHL @ 3780' TVD, 7915' MD

PBHL @ 4065' TVD, 6278' MD



(337) 234-8644 LAFAYETTE, LA
drawn by: RONALD J. DAIGLE
AC-CPSE0LAT-1, V-CPSE0L1



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\ICP528L1.SVY
 Date/Time: 16-May-03 / 08:53
 Curve Name: C1, MAINBORE

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT Direction Deg		Dogleg Severity Deg/100
MAINBORE, KOP-> 2157 MD, Begin Build @ 6.00°/ 100 Ft									
2157.48	.00	289.13	2157.48	.00	.00	.00	.00	.00	.00
2257.48	6.00	289.13	2257.30	1.71	-4.94	5.23	5.23	289.13	6.00
2357.48	12.00	289.13	2356.02	6.84	-19.71	20.87	20.87	289.13	6.00
2457.48	18.00	289.13	2452.57	15.32	-44.16	46.74	46.74	289.13	6.00
2557.48	24.00	289.13	2545.89	27.06	-78.00	82.56	82.56	289.13	6.00
2657.48	30.00	289.13	2634.95	41.93	-120.87	127.94	127.94	289.13	6.00
2757.48	36.00	289.13	2718.77	59.78	-172.30	182.38	182.38	289.13	6.00
2857.48	42.00	289.13	2796.45	80.40	-231.73	245.28	245.28	289.13	6.00
2957.48	48.00	289.13	2867.13	103.56	-298.50	315.96	315.96	289.13	6.00
3057.48	54.00	289.13	2930.04	129.02	-371.89	393.64	393.64	289.13	6.00
3157.48	60.00	289.13	2984.47	156.50	-451.09	477.46	477.46	289.13	6.00
3257.48	66.00	289.13	3029.85	185.69	-535.23	566.52	566.52	289.13	6.00
Begin Hold @ 70.00°, 289.13° Azm, 3055' TVD, 3324' MD									
3324.15	70.00	289.13	3054.82	205.95	-593.61	628.32	628.32	289.13	6.00
3424.15	70.00	289.13	3089.02	236.75	-682.39	722.29	722.29	289.13	.00
3524.15	70.00	289.13	3123.23	267.55	-771.17	816.26	816.26	289.13	.00
3624.15	70.00	289.13	3157.43	298.35	-859.95	910.23	910.23	289.13	.00
3724.15	70.00	289.13	3191.63	329.15	-948.73	1004.20	1004.20	289.13	.00
3824.15	70.00	289.13	3225.83	359.95	-1037.50	1098.17	1098.17	289.13	.00
3924.15	70.00	289.13	3260.03	390.75	-1126.28	1192.14	1192.14	289.13	.00
4024.15	70.00	289.13	3294.24	421.55	-1215.06	1286.11	1286.11	289.13	.00
4124.15	70.00	289.13	3328.44	452.35	-1303.84	1380.08	1380.08	289.13	.00
4224.15	70.00	289.13	3362.64	483.15	-1392.62	1474.05	1474.05	289.13	.00
4324.15	70.00	289.13	3396.84	513.95	-1481.39	1568.02	1568.02	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				N-S FT	E-W FT		Distance FT	Direction Deg	
4424.15	70.00	289.13	3431.04	544.75	-1570.17	1661.99	1661.99	289.13	.00
4524.15	70.00	289.13	3465.25	575.55	-1658.95	1755.96	1755.96	289.13	.00
4624.15	70.00	289.13	3499.45	606.35	-1747.73	1849.92	1849.92	289.13	.00
4724.15	70.00	289.13	3533.65	637.15	-1836.51	1943.89	1943.89	289.13	.00
4824.15	70.00	289.13	3567.85	667.96	-1925.29	2037.86	2037.86	289.13	.00
4924.15	70.00	289.13	3602.05	698.76	-2014.06	2131.83	2131.83	289.13	.00
5024.15	70.00	289.13	3636.26	729.56	-2102.84	2225.80	2225.80	289.13	.00
5124.15	70.00	289.13	3670.46	760.36	-2191.62	2319.77	2319.77	289.13	.00
5224.15	70.00	289.13	3704.66	791.16	-2280.40	2413.74	2413.74	289.13	.00
5324.15	70.00	289.13	3738.86	821.96	-2369.18	2507.71	2507.71	289.13	.00
5415.19	70.00	289.13	3770.00	850.00	-2450.00	2593.26	2593.26	289.13	.00
5444.43	70.00	289.13	3780.00	859.00	-2475.96	2620.74	2620.74	289.13	.00
LAT-3									
5500.51	70.00	289.13	3799.18	876.28	-2525.75	2673.44	2673.44	289.13	.00
5515.19	70.00	289.13	3804.20	880.80	-2538.78	2687.23	2687.23	289.13	.00
LAT-2									
5564.83	70.00	289.13	3821.18	896.09	-2582.85	2733.88	2733.88	289.13	.00
5615.19	70.00	289.13	3838.40	911.60	-2627.56	2781.20	2781.20	289.13	.00
LAT-1									
5646.70	70.00	289.13	3849.18	921.30	-2655.53	2810.81	2810.81	289.13	.00
5687.10	70.00	289.13	3863.00	933.75	-2691.40	2848.78	2848.78	289.13	.00
5715.19	70.00	289.13	3872.61	942.40	-2716.33	2875.17	2875.17	289.13	.00
5815.19	70.00	289.13	3906.81	973.20	-2805.11	2969.14	2969.14	289.13	.00
5915.19	70.00	289.13	3941.01	1004.00	-2893.89	3063.11	3063.11	289.13	.00
6015.19	70.00	289.13	3975.21	1034.80	-2982.67	3157.08	3157.08	289.13	.00
6115.19	70.00	289.13	4009.41	1065.60	-3071.45	3251.05	3251.05	289.13	.00
6215.19	70.00	289.13	4043.62	1096.40	-3160.22	3345.01	3345.01	289.13	.00
PBHL @ 4065' TVD, 6278' MD									
6277.71	70.00	289.13	4065.00	1115.66	-3215.73	3403.77	3403.77	289.13	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\CP528L1.SVY
Date/Time: 14-May-03 / 13:05
Curve Name: C2, LAT-1-L1, SEAM-3

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
LAT-1, KOP-> 3849 TVD, 5647' MD, Begin Hold @ 70.00°, 289.13° Azm									
5646.70	70.00	289.13	3849.18	921.31	-2655.53	2810.81	2810.81	289.13	.00
Begin Hold @ 90.00°, 289.12° Azm, 3863' TVD, 5727' MD									
5726.70	90.00	289.12	3863.00	946.99	-2729.59	2889.20	2889.20	289.13	25.00
RAD-5									
5826.70	90.00	289.12	3863.00	979.75	-2824.07	2989.20	2989.20	289.13	.00
RAD-4									
5926.70	90.00	289.12	3863.00	1012.50	-2918.56	3089.20	3089.20	289.13	.00
6026.70	90.00	289.12	3863.00	1045.26	-3013.04	3189.20	3189.20	289.13	.00
6126.70	90.00	289.12	3863.00	1078.02	-3107.52	3289.20	3289.20	289.13	.00
RAD-3									
6226.70	90.00	289.12	3863.00	1110.78	-3202.00	3389.20	3389.20	289.13	.00
6326.70	90.00	289.12	3863.00	1143.54	-3296.48	3489.20	3489.20	289.13	.00
6426.70	90.00	289.12	3863.00	1176.30	-3390.96	3589.20	3589.20	289.13	.00
6526.70	90.00	289.12	3863.00	1209.06	-3485.45	3689.20	3689.20	289.13	.00
RAD-2									
6626.70	90.00	289.12	3863.00	1241.82	-3579.93	3789.20	3789.20	289.13	.00
6726.70	90.00	289.12	3863.00	1274.58	-3674.41	3889.20	3889.20	289.13	.00
6826.70	90.00	289.12	3863.00	1307.34	-3768.89	3989.20	3989.20	289.13	.00
RAD-1									
6926.70	90.00	289.12	3863.00	1340.10	-3863.37	4089.20	4089.20	289.13	.00
7026.70	90.00	289.12	3863.00	1372.86	-3957.85	4189.20	4189.20	289.13	.00
7126.70	90.00	289.12	3863.00	1405.62	-4052.34	4289.20	4289.20	289.13	.00
7226.70	90.00	289.12	3863.00	1438.38	-4146.82	4389.20	4389.20	289.13	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7237.50	90.00	289.12	3863.00	1441.92	-4157.03	4400.00	4400.00	289.13	.00
Begin Build and Turn @ 30.00'/ 100 Ft, 3863' TVD, 7300' MD									
7300.00	90.00	289.12	3863.00	1462.40	-4216.08	4462.50	4462.50	289.13	.00
7400.00	95.42	318.67	3858.16	1517.42	-4298.07	4558.00	4558.06	289.45	30.00
Begin Hold @ 99.02°, 344.71° Azm, 3847' TVD, 7487' MD									
7486.92	99.02	344.71	3847.05	1592.61	-4338.65	4620.98	4621.72	290.16	30.00
7586.92	99.02	344.71	3831.37	1687.88	-4364.69	4676.80	4679.69	291.14	.00
7686.92	99.02	344.71	3815.69	1783.14	-4390.74	4732.63	4739.00	292.10	.00
7786.92	99.02	344.71	3800.01	1878.41	-4416.78	4788.45	4799.62	293.04	.00
7886.92	99.02	344.71	3784.33	1973.68	-4442.82	4844.27	4861.48	293.95	.00
PBHL @ 3780' TVD, 7915' MD									
7914.53	99.02	344.71	3780.00	1999.98	-4450.01	4859.68	4878.78	294.20	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\ICP528L1.SVY
 Date/Time: 14-May-03 / 13:07
 Curve Name: C3, LAT-1, R1

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-1, KOP-> 3863 TVD, 6927' MD									
6926.70	90.00	289.12	3863.00	1340.12	-3863.37	4089.20	4089.20	289.13	.00
7026.70	94.92	259.49	3858.61	1347.58	-3961.85	4184.69	4184.76	288.79	30.00
Begin Hold @ 97.25°, 242.20° Azm, 3852' TVD, 7085' MD									
7084.51	97.25	242.20	3852.43	1328.81	-4015.95	4229.64	4230.08	288.31	30.00
7184.51	97.25	242.20	3839.81	1282.55	-4103.70	4297.39	4299.45	287.36	.00
7284.51	97.25	242.20	3827.19	1236.29	-4191.45	4365.14	4369.98	286.43	.00
7384.51	97.25	242.20	3814.57	1190.03	-4279.21	4432.89	4441.60	285.54	.00
7484.51	97.25	242.20	3801.94	1143.77	-4366.96	4500.64	4514.26	284.68	.00
PBHL @ 3790' TVD, 7579' MD									
7579.14	97.25	242.20	3790.00	1100.00	-4450.00	4564.74	4583.94	283.88	.00



Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:IRON\SURVEYS\CP528L1.SVY
 Date/Time: 14-May-03 / 13:09
 Curve Name: C4, LAT-1, R-2

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
RAD-2, KOP-> 3863 TVD, 6627' MD									
6626.70	90.00	289.12	3863.00	1241.83	-3579.92	3789.19	3789.19	289.13	.00
6726.70	94.10	318.86	3859.34	1297.04	-3661.85	3884.69	3884.77	289.50	30.00
6826.70	97.11	348.86	3849.36	1385.31	-3705.24	3954.61	3955.74	290.50	30.00
Begin Hold @ 97.27°, 351.25° Azm, 3848' TVD, 6835' MD									
6834.62	97.27	351.25	3848.37	1393.04	-3706.59	3958.42	3959.72	290.60	30.00
6934.62	97.27	351.25	3835.71	1491.08	-3721.68	4004.81	4009.27	291.83	.00
7034.62	97.27	351.25	3823.05	1589.12	-3736.77	4051.19	4060.63	293.04	.00
7134.62	97.27	351.25	3810.39	1687.16	-3751.86	4097.57	4113.75	294.21	.00
7234.62	97.27	351.25	3797.73	1785.21	-3766.94	4143.96	4168.55	295.36	.00
7334.62	97.27	351.25	3785.07	1883.25	-3782.03	4190.34	4224.97	296.47	.00
7434.62	97.27	351.25	3772.42	1981.29	-3797.12	4236.73	4282.95	297.55	.00
PBHL @ 3770' TVD, 7454' MD									
7453.70	97.27	351.25	3770.00	2000.00	-3800.00	4245.58	4294.18	297.76	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:IRON\SURVEYS\ICP528L1.SVY
Date/Time: 14-May-03 / 13:11
Curve Name: C5, LAT-1, R-3

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
RAD-3, KOP-> 3863 TVD, 6227' MD									
6226.70	90.00	289.12	3863.00	1110.79	-3202.00	3389.20	3389.20	289.13	.00
6326.70	91.48	259.15	3861.68	1117.92	-3300.59	3484.69	3484.78	288.71	30.00
Begin Hold @ 92.48°, 232.11° Azm, 3859' TVD, 6417' MD									
6416.84	92.48	232.11	3858.52	1081.11	-3381.90	3549.43	3550.50	287.73	30.00
6516.84	92.48	232.11	3854.20	1019.75	-3460.74	3603.82	3607.86	286.42	.00
6616.84	92.48	232.11	3849.88	958.40	-3539.59	3658.20	3667.05	285.15	.00
6716.84	92.48	232.11	3845.56	897.04	-3618.44	3712.59	3727.97	283.92	.00
6816.84	92.48	232.11	3841.24	835.69	-3697.29	3766.98	3790.56	282.74	.00
6916.84	92.48	232.11	3836.92	774.34	-3776.14	3821.37	3854.71	281.59	.00
7016.84	92.48	232.11	3832.60	712.98	-3854.98	3875.76	3920.36	280.48	.00
7116.84	92.48	232.11	3828.28	651.63	-3933.83	3930.14	3987.44	279.41	.00
7216.84	92.48	232.11	3823.96	590.28	-4012.68	3984.53	4055.87	278.37	.00
7316.84	92.48	232.11	3819.64	528.92	-4091.53	4038.92	4125.58	277.37	.00
7416.84	92.48	232.11	3815.32	467.57	-4170.38	4093.31	4196.51	276.40	.00
7516.84	92.48	232.11	3811.00	406.22	-4249.23	4147.70	4268.60	275.46	.00
7616.84	92.48	232.11	3806.68	344.86	-4328.08	4202.09	4341.79	274.56	.00
7716.84	92.48	232.11	3802.36	283.51	-4406.93	4256.47	4416.04	273.68	.00
PBHL @ 3800 TVD, 7771' MD									
7771.46	92.48	232.11	3800.00	250.00	-4450.00	4286.18	4457.01	273.22	.00



Job Number:
Company: CONOCO-PHILLIPS
Lease/Well: 528 HML
Location: T-15,15-S, 8-E, CARBON, CTY.
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
Declination:
Grid:
File name: E:\IRON\SURVEYS\ICP528L1.SVY
Date/Time: 14-May-03 / 13:12
Curve Name: C6, LAT-1, R-4

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth</i> FT	<i>Incl Angle</i> Deg	<i>Drift Direction</i> Deg	<i>True Vertical Depth</i>	<i>N-S</i> FT	<i>E-W</i> FT	<i>Vertical Section</i> FT	<i>CLOSURE Distance</i> FT	<i>Direction</i> Deg	<i>Dogleg Severity</i> Deg/100
RAD-4, KOP-> 3863 TVD, 5927' MD									
5926.70	90.00	289.12	3863.00	1012.51	-2918.55	3089.19	3089.19	289.13	.00
6026.70	93.07	318.98	3860.26	1067.82	-3000.44	3184.69	3184.79	289.59	30.00
6126.70	95.33	348.98	3852.77	1156.39	-3043.73	3254.61	3256.00	290.80	30.00
Begin Hold @ 96.13°, 14.12° Azm, 3844' TVD, 6210' MD									
6210.13	96.13	14.12	3844.30	1238.70	-3041.51	3279.49	3284.08	292.16	30.00
6310.13	96.13	14.12	3833.63	1335.12	-3017.26	3288.17	3299.45	293.87	.00
6410.13	96.13	14.12	3822.95	1431.54	-2993.00	3296.86	3317.74	295.56	.00
6510.13	96.13	14.12	3812.27	1527.97	-2968.74	3305.54	3338.88	297.23	.00
6610.13	96.13	14.12	3801.59	1624.39	-2944.49	3314.22	3362.84	298.88	.00
6710.13	96.13	14.12	3790.92	1720.82	-2920.23	3322.90	3389.54	300.51	.00
6810.13	96.13	14.12	3780.24	1817.24	-2895.97	3331.58	3418.92	302.11	.00
6910.13	96.13	14.12	3769.56	1913.67	-2871.72	3340.27	3450.92	303.68	.00
PBHL @ 3760 Ft TVD, 7000' MD									
6999.67	96.13	14.12	3760.00	2000.00	-2850.00	3348.04	3481.74	305.06	.00



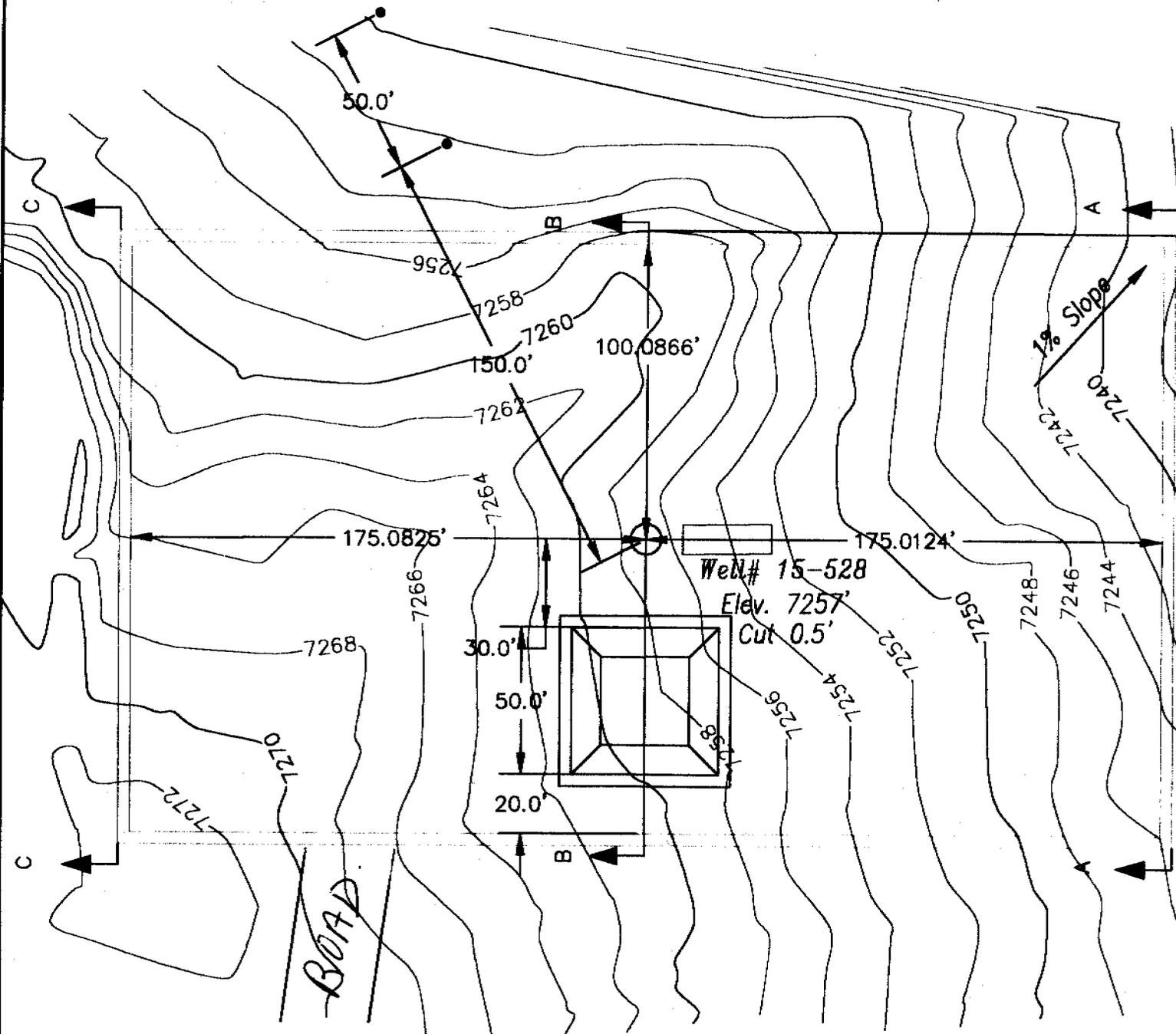
Job Number:
 Company: CONOCO-PHILLIPS
 Lease/Well: 528 HML
 Location: T-15,15-S, 8-E, CARBON, CTY.
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: CARBON COUNTY, UTHA
 Declination:
 Grid:
 File name: E:\IRON\SURVEYS\CP528L1.SVY
 Date/Time: 14-May-03 / 13:15
 Curve Name: C7, LAT-1, R-5

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.13
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
RAD-5, KOP-> 3863 TVD, 5827' MD									
5826.70	90.00	289.12	3863.00	979.75	-2824.07	2989.19	2989.19	289.13	.00
5926.70	92.29	259.20	3860.96	986.93	-2922.65	3084.68	3084.79	288.66	30.00
6026.70	93.97	229.20	3855.37	943.99	-3011.52	3154.58	3156.01	287.40	30.00
Begin Hold @ 94.41°, 214.73° Azm, 3852' TVD, 6075' MD									
6074.81	94.41	214.73	3851.84	908.41	-3043.52	3173.15	3176.20	286.62	30.00
6174.81	94.41	214.73	3844.14	826.47	-3100.33	3199.97	3208.60	284.93	.00
6274.81	94.41	214.73	3836.45	744.53	-3157.14	3226.79	3243.74	283.27	.00
6374.81	94.41	214.73	3828.75	662.60	-3213.95	3253.61	3281.54	281.65	.00
6474.81	94.41	214.73	3821.06	580.66	-3270.75	3280.42	3321.90	280.07	.00
6574.81	94.41	214.73	3813.36	498.72	-3327.56	3307.24	3364.73	278.52	.00
6674.81	94.41	214.73	3805.66	416.78	-3384.37	3334.06	3409.94	277.02	.00
6774.81	94.41	214.73	3797.97	334.85	-3441.18	3360.88	3457.43	275.56	.00
6874.81	94.41	214.73	3790.27	252.91	-3497.98	3387.70	3507.11	274.14	.00
PBHL @ 3790' TVD, 6878' MD									
6878.36	94.41	214.73	3790.00	250.00	-3500.00	3388.65	3508.92	274.09	.01

Elevation of Ungraded Ground at Location Stake = 7257'
 Elevation of Graded Ground at Location Stake = 7256.5'



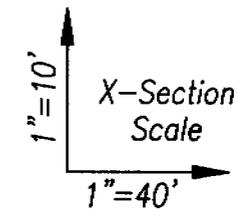
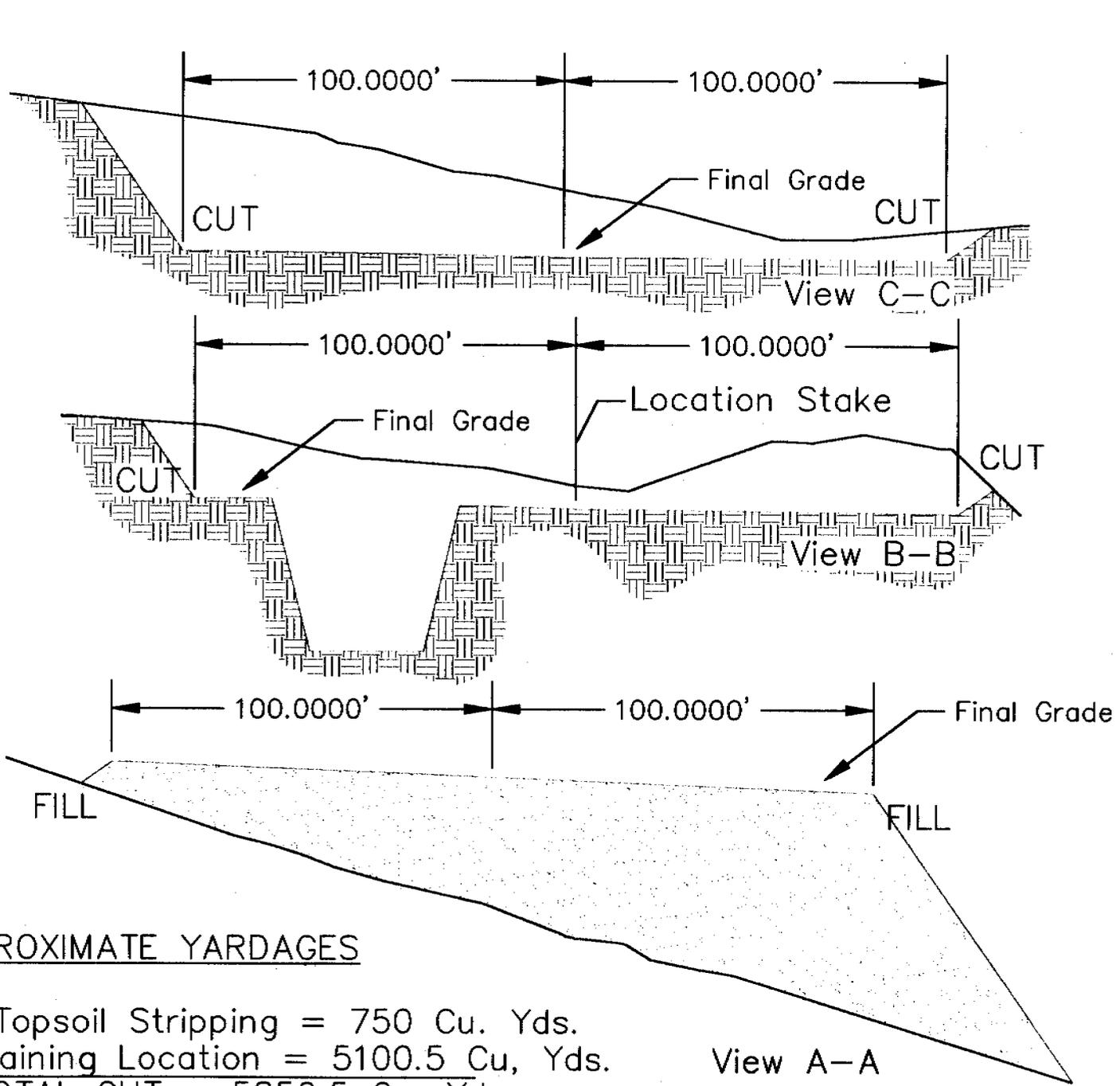
Talon resources, inc.

186 North 100 West P.O. Box 1280
 Huntington, Utah 84020
 Phone (435)637-8781 Fax (435)687-8911
 E-Mail talon@utv.net



LOCATION LAYOUT
 Section , TS, RE, S.L.B.&M.
 Well #15-528

Drawn By: Ben Scott	Checked By: L.W.J.
Drawing No. A-2	Date: 00/00/00
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 849



Slope = 1 1/2 : 1
 (Except Pit)
 Pit Slope = 1 ; 1



Talon resources, inc.
 195 North 100 West P.O. Box 1230
 Huntington, Utah 84328
 Phone (435)637-8781 Fax (435)687-5311
 E-Mail talonnetv.net



TYPICAL CROSS SECTION
 Section , T15S, R8E, S.L.B.&M.
 Well #15-528

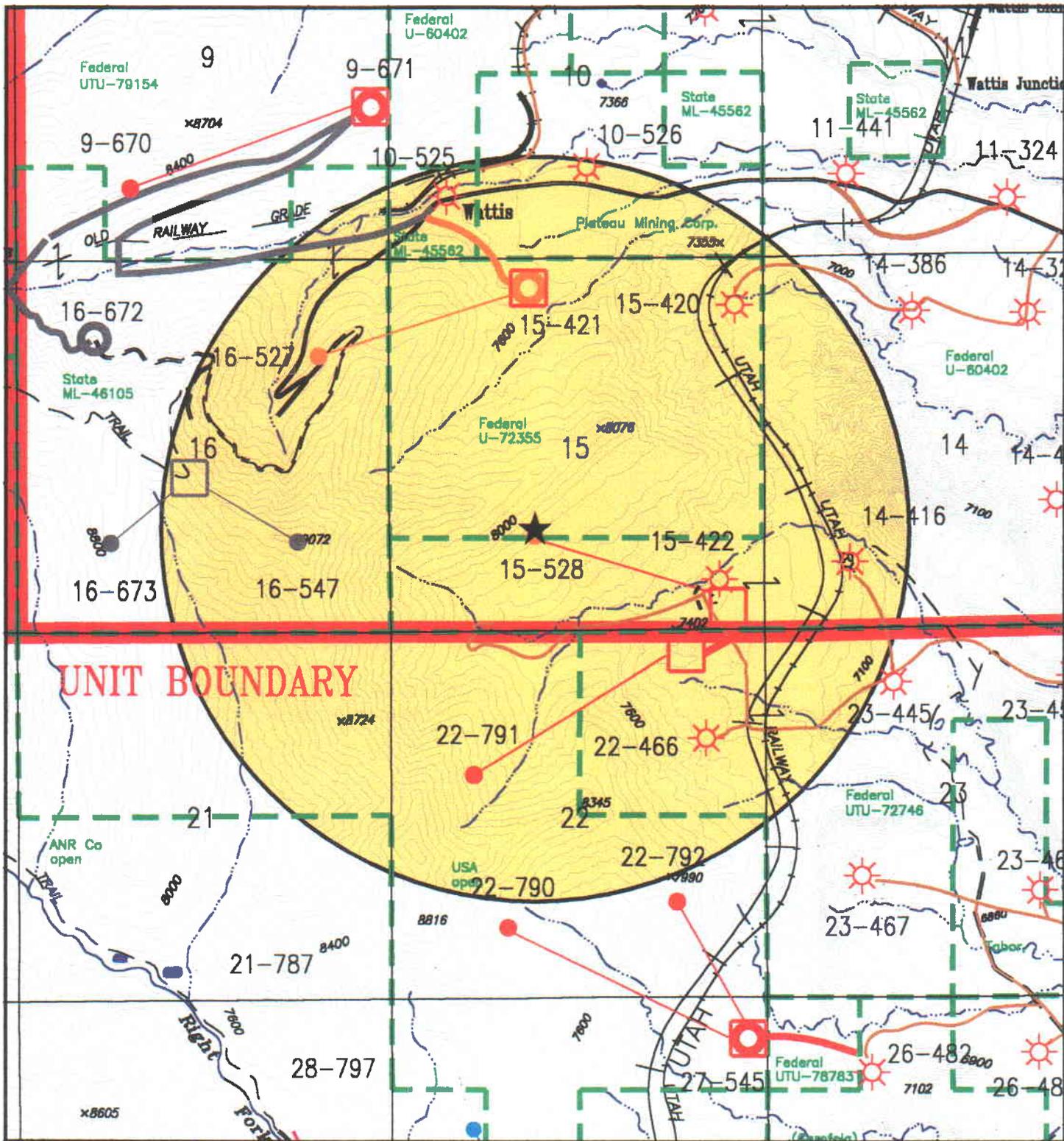
Drawn By: Ben Scott	Checked By: L.W.J.
Drawing No. C-1	Date: 12/10/02
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 849

APPROXIMATE YARDAGES

CUT
 (6") Topsoil Stripping = 750 Cu. Yds.
 Remaining Location = 5100.5 Cu, Yds.
 TOTAL CUT = 5850.5 Cu. Yds.
 TOTAL FILL = 5259.72 Cu. Yds.

View A-A

EXHIBIT "A" 3 OF 3



UNIT BOUNDARY

LEGEND

- Proposed Well Location:
- Other Proposed Well Locations:
- Proposed Powerline:
- Proposed Pipeline:
- Proposed Roads:
- Lease Boundary:
- Existing Wells:

Scale: 1" = 2000'

December 30, 2002

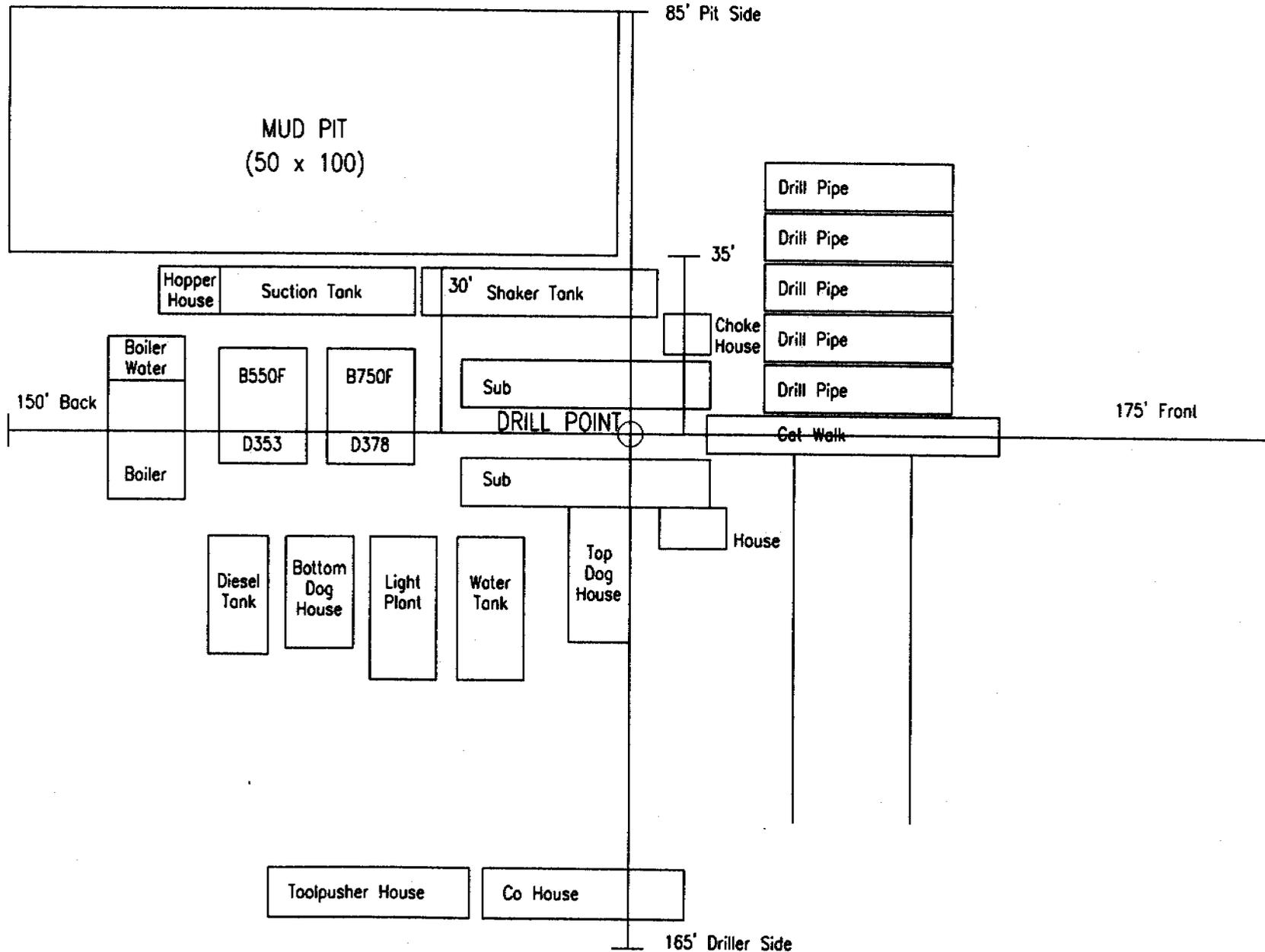
ConocoPhillips
 6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782



WELL # 15-528
Section 15, T15S, R8E, S.L.B.&M.
Exhibit B 1 of 2

CONOCOPHILLIPS

RIG LAYOUT (Approximately 250' x 325') Including Mud Pit



SUNDRY NOTICES AND REPORTS ON WELLS

007

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

2. Name of Operator

ConocoPhillips

3. Address and Telephone No.

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

315' FSL, 513' FEL

Surface: SE/4, SE/4, Sec. 15, T15S, R08E, SLB&M
BHL: SW/4 Sec. 15, T15S, R08E, SLB&M

5. Lease Designation and Serial No.
U-72355

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

7. If Unit or CA, Agreement Designation
Drunkards Wash UTU-67921

8. Well Name and No.
USA 15-528h

9. API Well No.
43-007-30901

10. Field and Pool, or Exploratory Area
Drunkards Wash

11. County or Parish, State
Carbon County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Change from Directional to Horizontal	<input type="checkbox"/> Layout Alteration
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	Other _____	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note, the USA 15-528d has been revised to be completed as a horizontal well. The surface location of the drill point will remain the same as previously designated. The name of the well will be changed from the USA 15-528d to the USA 15-528h.

COPY

CONFIDENTIAL

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

Signed *Van Anderson* Title Permitting Supervisor Date 7/17/03

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

RECEIVED

JUL 31 2003

DIV. OF OIL, GAS & MINING

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



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 6, 2003

Amended from February 11, 2003

ConocoPhillips Company
P O Box 851
Price, UT 84501

Re: USA 15-528H Well, Surface Location 315' FSL, 513' FEL, SE SE, Sec. 15, T. 15 South, R. 8 East, Bottom Location 1320' FSL, 1320' FWL, SW, Sec. 15, T. 15 South, R. 8 East, Carbon 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.

Administrative approval for an exception location is hereby granted on the condition that if the well is productive from the horizontal wellbore, the operator agrees to come before the Board of Oil, Gas and Mining seeking appropriate spacing.

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 43-007-30901.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Carbon County Assessor
Bureau of Land Management, Moab District Office

Operator: ConocoPhillips Company
Well Name & Number USA 15-528H
API Number: 43-007-30901
Lease: U-72355

Surface Location: SE SE Sec. 15 T. 15 South R. 8 East
Bottom Location: SW Sec. 15 T. 15 South R. 8 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

012

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

2. Name of Operator

ConocoPhillips

3. Address and Telephone No.

6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

315' FSL, 513' FEL

Surface: SE/4, SE/4, Sec. 15, T15S, R08E, SLB&M
BHL: SW/4 Sec. 15, T15S, R08E, SLB&M

5. Lease Designation and Serial No.
U-72355

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

7. If Unit or CA, Agreement Designation
Drunkards Wash UTU-67921

8. Well Name and No.
USA 15-528h

9. API Well No.
43-007-30901

10. Field and Pool, or Exploratory Area
Drunkards Wash

11. County or Parish, State
Carbon County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Revision of measured depths	<input type="checkbox"/> Layout Alteration
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	Other _____	Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note, page 1 of the drilling plan has been updated to reflect revised measured depths for the proposed directional well.

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

COPY

CONFIDENTIAL

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

Signed [Signature]

Title Permitting Supervisor

Date 8/13/03

(This space for Federal or State office use)

Approved by _____ Title _____

Date _____

Conditions of approval, if any:

RECEIVED

AUG 21 2003

DIV. OF OIL, GAS & MINING

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

Bureau of Land Management
Moab District
Application for Permit to Drill
On-Site Inspection Checklist

Company ConocoPhillips Well No. USA 15-528h
Location: Sec.15, T 15 S, R 08E, Lease No. U-72355
On-Site Inspection Date: 12/10/02

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:
Surface formation: Upper Mancos Shale
Estimated top of Ferron Formation: 5415' MD to TD - 6278' MD (Pilot Hole)
2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered

<u>Formation</u>	<u>Depth</u>
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Expected Oil Zones: none	
Expected Gas Zones: Ferron Coal Interval: <u>5500 - 6015' MD (Pilot Hole)</u>	
Expected Water Zones: <u>5500 - 6015' MD (Pilot Hole)</u>	
Expected Mineral Zones: none	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment- include schematics of the BOP and choke manifold, and describe testing procedures: Quick Test is contracted to test the manifold, blind rams, and B.O.P to 2000 psi. Surface casing is tested to 1 psi/ft. See attachment.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

4. Casing Program and Auxiliary Equipment - include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned): Approximately 4579' of 5-1/2", N-80 17#/ft production casing will be installed 10% of the above setting depth will be 8-5/8", 24#/ft. J-55 surface casing.

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DIV. OF OIL, GAS & MINING
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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: U-72355
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 851 CITY Price STATE UT ZIP 84501		7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU-67921X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 315' FSL, 513' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 15 T15S R08E S		8. WELL NAME and NUMBER: USA 15-528h
PHONE NUMBER: (435) 613-9777		9. API NUMBER: 43-007-30901
		10. FIELD AND POOL, OR WILDCAT: COUNTY: Carbon STATE: UTAH

CONFIDENTIAL

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>APD Extension</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.
Please be advised that ConocoPhillips Company is requesting a one year extension on the permit expiration date for the USA 15-528h well location.

This proposed well surface location is within the Drunkards Wash Federal Unit. Due to topographical constraints in this area, this well will be drilled as a horizontal multilateral drill hole. The surface location will be located in Section 15, SE/4 SE/4, 315' FSL and 513' FWL which is less than 460' from the boundary of the Federal Unit. For this surface location, ConocoPhillips is, however, the only "owner" of record for the offset drilling unit in the NE/4 of Section 22, T15S, R08E. Therefore, the requirements for approval of an exception to Cause #243-2 should be satisfied as required under Utah Administrative Code R649-3-3.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-22-04
By: [Signature]

COPY SENT TO OPERATOR
Date: 3-22-04
Initials: CHD

NAME (PLEASE PRINT) Jean Semborski TITLE Planning and Compliance Supervisor
SIGNATURE [Signature] DATE 3/10/2004

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

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

API: 43-007-30901
Well Name: USA 15-528h
Location: 315' FSL, 513' FEL
Company Permit Issued to: ConocoPhillips Company
Date Original Permit Issued: 8/6/2003

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

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

If 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

Jean Ambrasi
Signature

3/10/04
Date

Title: Planning and Compliance Supervisor

Representing: ConocoPhillips Company

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State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 12, 2005

Jean Semborski
ConocoPhillips Company
P O Box 851
Price, UT 84501

Re: APD Rescinded – USA 15-528H, Sec. 15, T. 15S, R. 8E
Carbon County, Utah API No. 43-007-30901

Dear Ms. Semborski:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on February 11, 2003. On March 22, 2004 the Division granted a one-year APD extension. On April 12, 2005, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective April 12, 2005.

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 Whitney
Engineering Technician

cc: Well File
Bureau of Land Management, Moab