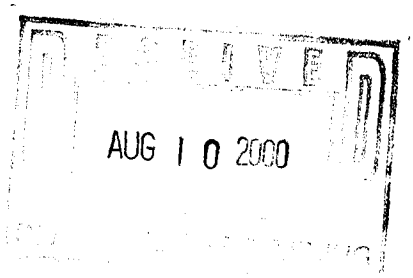
ANADARKO PETROLEUM CORPORATION 17001 NORTHCHASE DRIVE • P.O. BOX 1330 • HOUSTON, TEXAS 77251-1330
TEL. (281) 875-1101

Anadarko

August 9, 2000

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



Attention: Lisha Cordova

RE: Applications for Permit to Drill

Gentlemen:

Enclosed, in duplicate, are Applications for Permit to Drill (Form 3) for the following wells in Emery County, Utah.

Clawson Spring State E-5
Clawson Spring State E-6
Clawson Spring State F-1
Clawson Spring State F-2
Clawson Spring State G-1

Please call me at (281) 874-8766 if you require further information or have any questions.

Sincerely,

Judy Davidson
Regulatory Analyst

JD/me
enclosures

FORM 3

STATE OF UTAH
DIVISION OF OIL , GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1 a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] [X] COALBED METHANE OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

5. LEASE DESIGNATION AND SERIAL NO.: ML-48220

6. IF INDIAN, ALLOTTEES OR TRIBE NAME:

2. NAME OF OPERATOR: **ANADARKO PETROLEUM CORPORATION**

7. UNIT AGREEMENT NAME:

3. ADDRESS AND TELEPHONE NO.: **17001 Northchase Drive, Houston, Texas 77060 281/875-1101**

8. FARM OR LEASE NAME WELL NO.: Clawson Spring State E-5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface: 1217 1978 ~~1320~~ FNL ~~1320~~ FWL, NW Section 7, T16S R9E — 4366688 N 503616 E

At proposed prod. zone: 1217 1978 ~~1320 F~~NL ~~1320 F~~WL, NW Section 7, T16S R9E

9. API WELL NO.:

10. FIELD AND POOL OR WILDCAT: CBM

11. SEC. T,R,M, OR BLK. AND SURVEY OR AREA: Section 7, T16S R9E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 18 miles SW of Price, Ut

12. COUNTY: Emery

13. STATE: Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1320

16. NO. OF ACRES IN LEASE: 1280

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

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE. FT.: ~~4500~~

19. PROPOSED DEPTH: ~~2800~~ 4500'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6399'

22. APPROX. DATE WORK WILL START.: 08/15/2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8 J-55	24	300	200 cu. ft.
7 7/8"	5 1/2" N-80	17	2800	300 cu. Ft.

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on 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.

Attached is the following:

1. Survey Plat
2. Drilling Plan with BOP Schematic.
3. Topo & Access Map & Area Map.
4. Pit & Pad Layout with cross sections of pit, pad, & rig layout.

Utah Oil & Gas Lease Bond: 224351

Utah Bond of Lessee: 203521

Water Source: City of Price

Surface Owner: Division of State Lands & Forestry
355 West North Temple, Suite 400
Salt Lake City, UT 84180

CONFIDENTIAL

RECEIVED
AUG 10 2000
DIV. OF OIL, GAS & MINING

24.

SIGNED Judy Davidson TITLE Judy Davidson, Regulatory Analyst DATE 08/09/2000

(This space State office use.)

PERMIT NO. 43-015-30470 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 theron.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY TITLE BRADLEY G. HILL ~~RECLAMATION SPECIALIST III~~ DATE 11/14/00

See Instructions On Reverse Side

DRILLING PLAN
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL

Company: Anadarko Petroleum Corporation

Well: **Clawson Spring State E-5**

Location: 1320 FNL& 1320 FWL
T16S R9E Sec. 7
Emery County, Utah

Lease: **ML-48220**

Surface Elevation: 6696

A. Estimated Tops of Important Geologic Markers:

GEOLOGIC MARKER	DEPTH
Emery	Surface
Bluegate Shale	**2246**
Ferron SS Member	**3346**
Ferron Coal Top	**3371**
Base of Ferron Coal	**3521**
Tununk Shale	**3581**

B. Estimated Depth at which Water, Oil, Gas or other Mineral-Bearing zones are expected to be encountered:

Gas-bearing Ferron Sandstone Member is expected to be encountered from: 3346 - 3521.

All fresh water zones and prospectively valuable mineral zones encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

C. Pressure Control Equipment:

A 9" 3000 psi WP double gate hydraulic BOP with pipe rams and blind rams will be installed on the 8-5/8" casinghead. In addition to the BOP stack, a rotating head will be installed on top of the BOP to assist in safe air drilling operations. The BOP stack will be tested prior to drilling below surface casing. The ram preventers will be tested to 70% of the working pressure of the casinghead. The annular will be tested to 50% of its working pressure. Operational checks will be made daily or on trips. A BOP schematic is shown on attached Exhibit "A".

The BOP system will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order. This inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. The accumulator system will meet IADC guidelines concerning pump capacities, storage capacity, and reservoir volume. Closing unit fluid volume will be sufficient to pre-charge the system to operating pressure plus 50% excess. One set of controls will be in the doghouse on the rig floor and one set will be remote on the drilling pad.

D. Casing Program

Surface Casing: 8-5/8", 24#, J55, LTC new casing will be set at approximately 300'.
Production Casing: 5-1/2" 17#, N80, LTC, new casing will be set at TD if productive.

D. Casing Program (continued)

Casing Design Factors

The safety factors on casing strings will equal or exceed the following values:

Collapse	1.0
Joint Strength	1.6
Burst	1.33

E. Cement Program

Surface - Cement will be circulated to the surface. Casing will be cemented with approximately 200 cu. ft. of API Class 'G' cement.

Production - Casing will be cemented with approximately 300 cu. ft. of API Class 'G" cement. The actual cement volume will be based upon hole depth and gauge, and will be determined from logs.

Additional additives will be used to retard the cement, accelerate the cement, control lost circulation, or control fluid loss. All cementing will be done in accordance with API cementing practices.

F. Mud Program and Circulating Medium:

A truck-mounted air drilling rig will be used to drill the surface hole to 300' and to pre-set the surface casing before moving a drilling rig on location to drill the rest of the hole to TD. An air or air/mist system will be used for drilling from below surface pipe at 400' to TD. The mud/fluid system will be monitored visually and with a gas chromatograph detector.

G. Coring, Logging, and Testing Program:

a. Rotary sidewall coring in the Ferron Sandstone interval may be performed, depending upon shows and hole conditions.

b. DST's may be run depending upon shows.

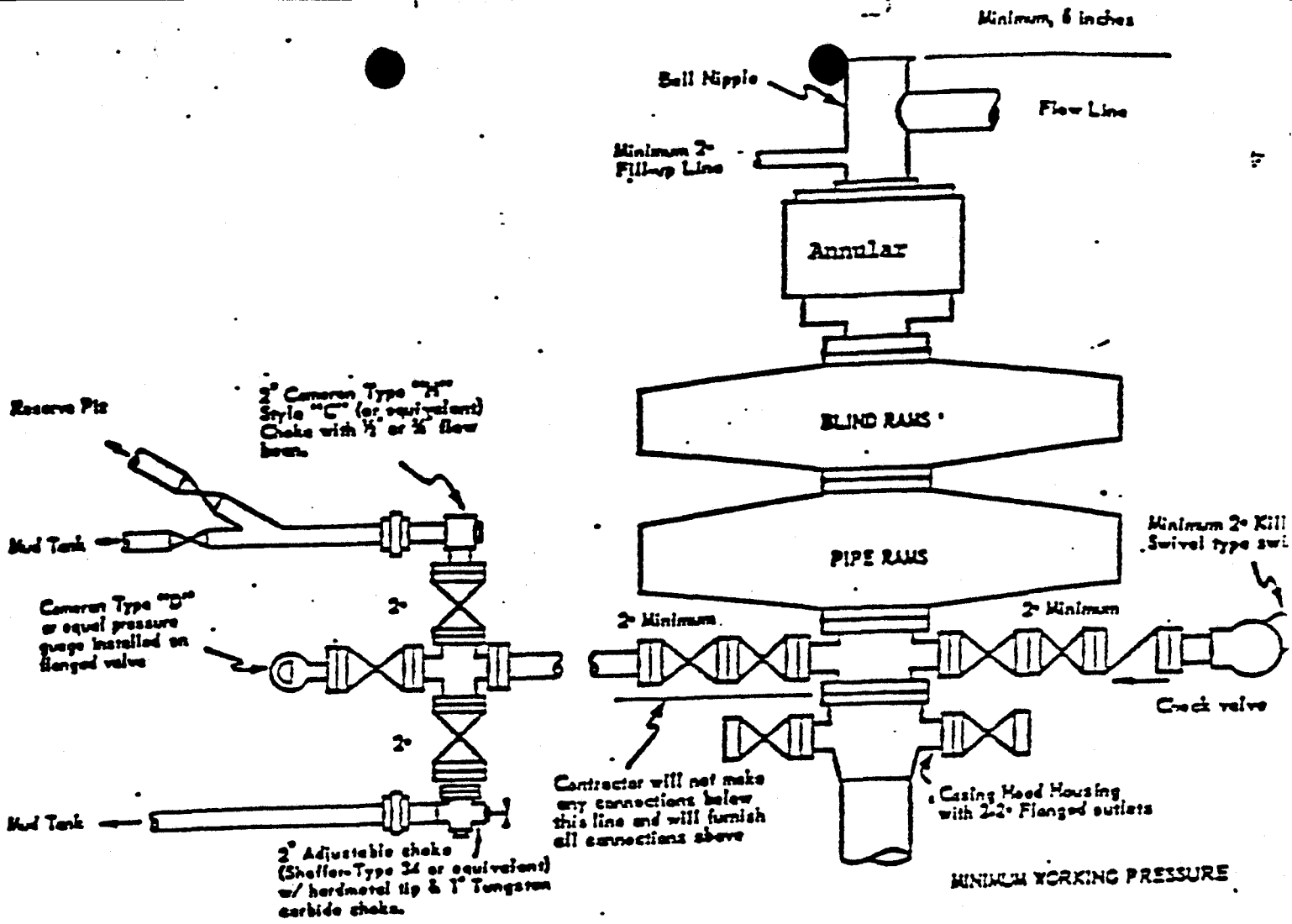
c. The following logging program is planned:
   1. SDL-GR-CAL over prospective intervals..
   2. DIL- SP-GR-CAL over prospective intervals

d. A mud logging unit with chromatograph will be used from approximately 1000' to TD.

e. After production casing is installed, a cement bond log will be run to determine the top of cement. Productive zones will then be perforated and swab tested. Water produced during testing will be contained in the temporary reserve pit. All produced oil will be stored and sold. Gas will be flared during testing.

H. Abnormal Conditions and Potential Hazards:

Abnormal conditions such as abnormal temperatures or pressures are not anticipated. Potential hazards such as H2S are also not anticipated.



Anadarko Petroleum Corporation

MINIMUM BLOWOUT PREVENTER REQUIREMENTS - NORMAL PRESSURE SERVICE

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5

LOCATED IN EMERY COUNTY, UTAH
SECTION 7, T16S, R9E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #3 TO LOCATION STAKE **CAMERA ANGLE: SOUTHEASTERLY**

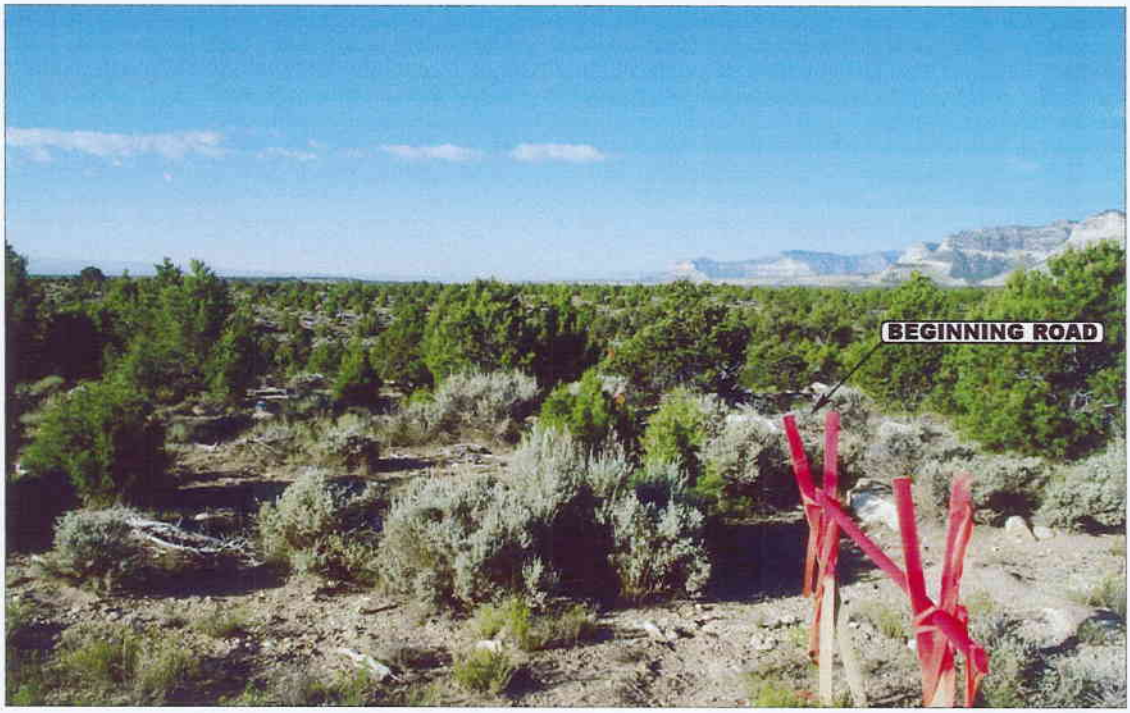


PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD **CAMERA ANGLE: SOUTHWESTERLY**

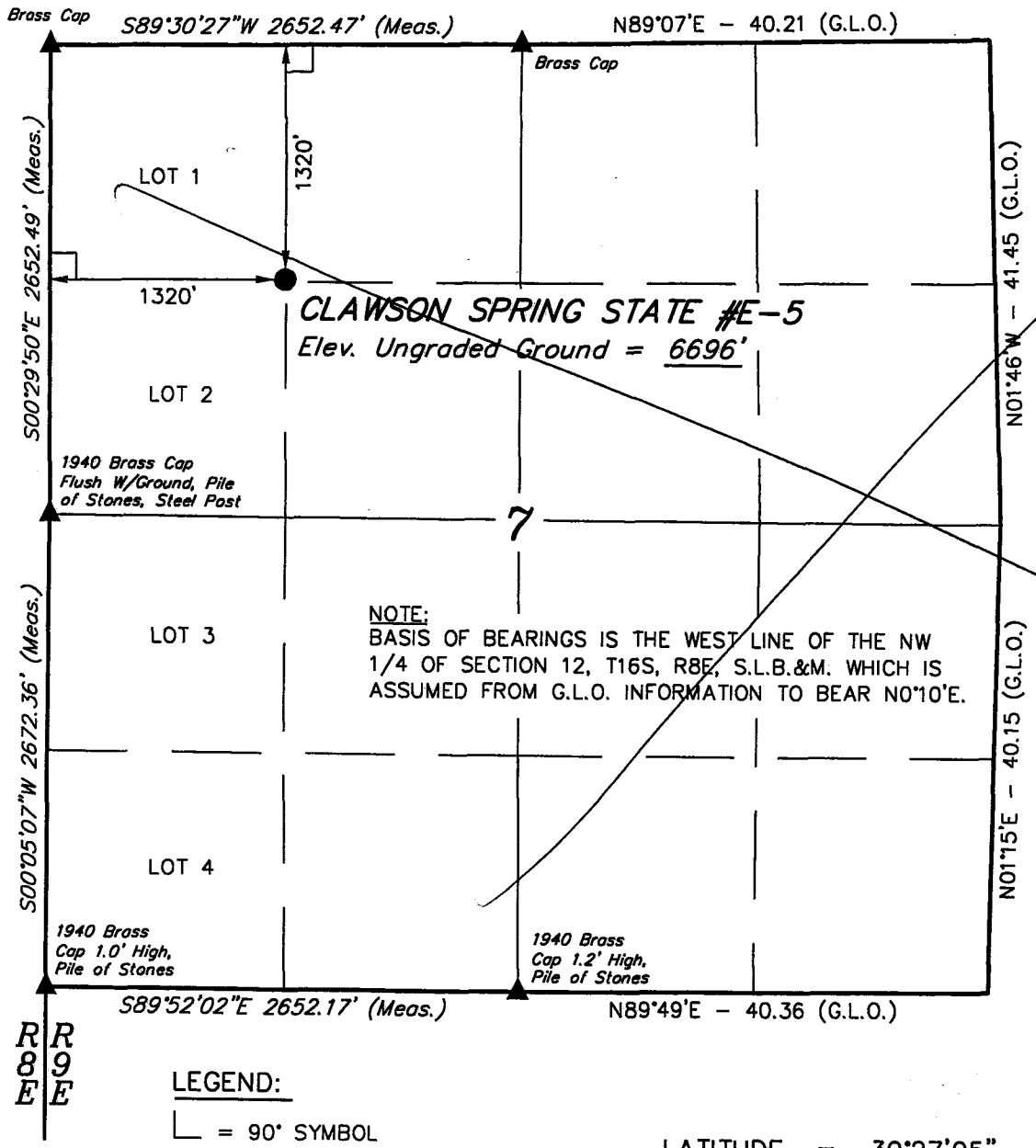
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	7 MONTH	25 DAY	00 YEAR	PHOTO
TAKEN BY: D.K.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

ANADARKO PETROLEUM CORP.

Well location, CLAWSON SPRING STATE #E-5, located shown in the NW 1/4 of Section 7, T16S, R9E, S.L.B.&M. Emery County, Utah.

T16S, R9E, S.L.B.&M.



NOTE:
BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 12, T16S, R8E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°10'E.

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

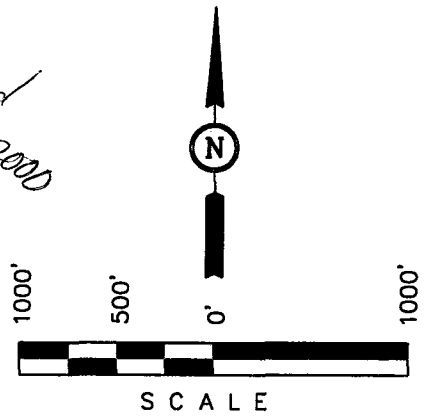
▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°27'05"
LONGITUDE = 110°57'37"

BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP LOCATED IN THE SW 1/4 OF SECTION 1, T16S, R8E, S.L.B.&M. TAKEN FROM THE POISON SPRING BENCH QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6832 FEET.

*Revised 10-24-2000



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

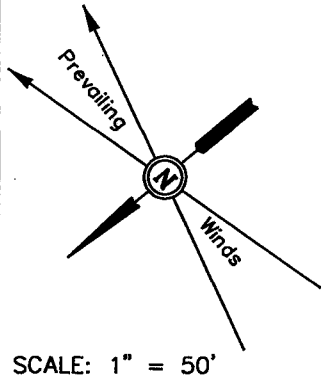
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 7-13-00	DATE DRAWN: 7-25-00
PARTY: C.B.T. B.H. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: ANADARKO PETROLEUM CORP.	

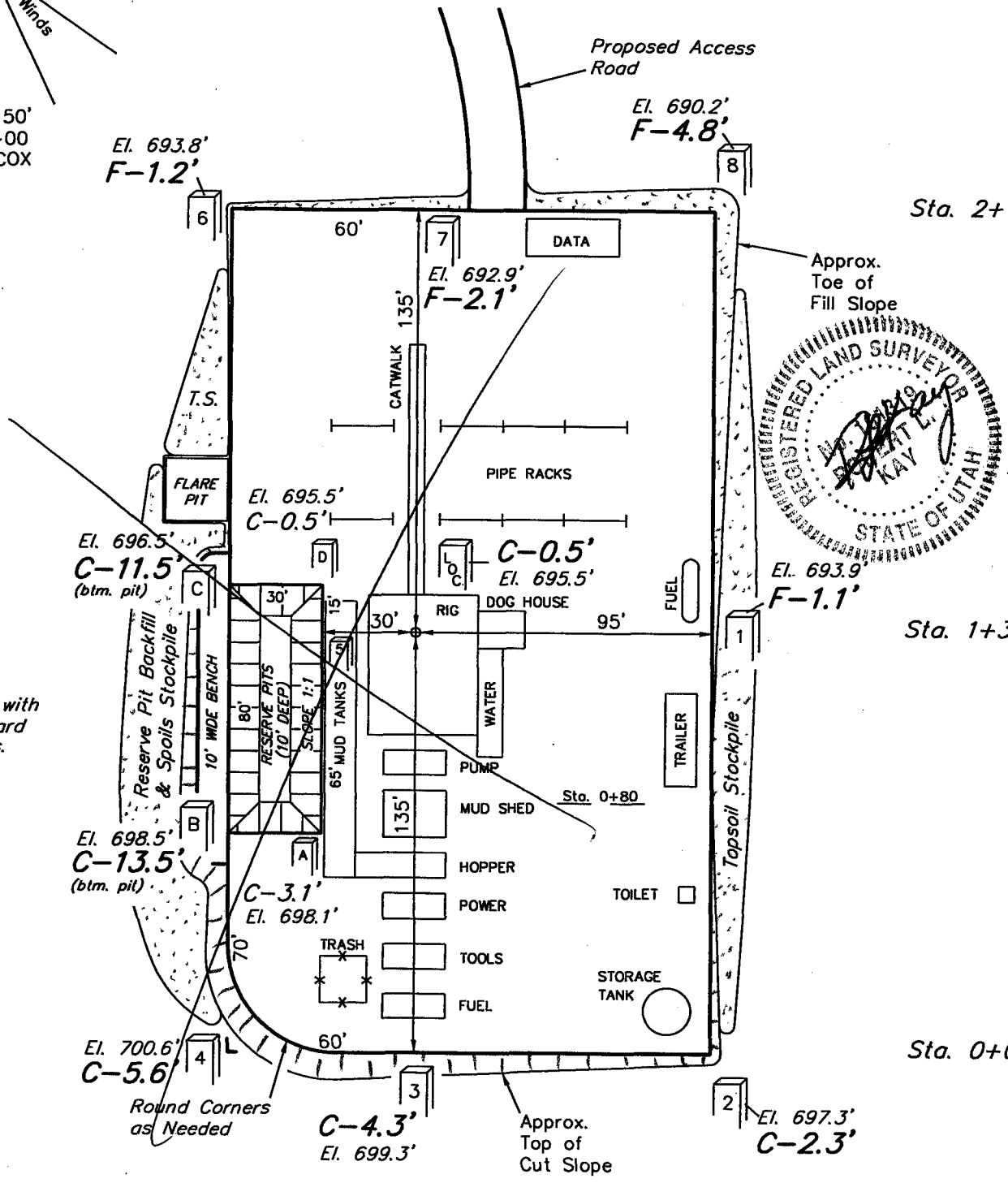
ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1320' FNL 1320' FWL



SCALE: 1" = 50'
DATE: 7-26-00
Drawn By: D.COX



NOTE:
Pit Capacity with 2' of Freeboard = 1,770 Bbls.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

ELEV. UNGRADED GROUND AT LOC. STAKE = 6695.5'

ELEV. GRADED GROUND AT LOC. STAKE = 6695.0'

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

ANADARKO PETROLEUM CORP.

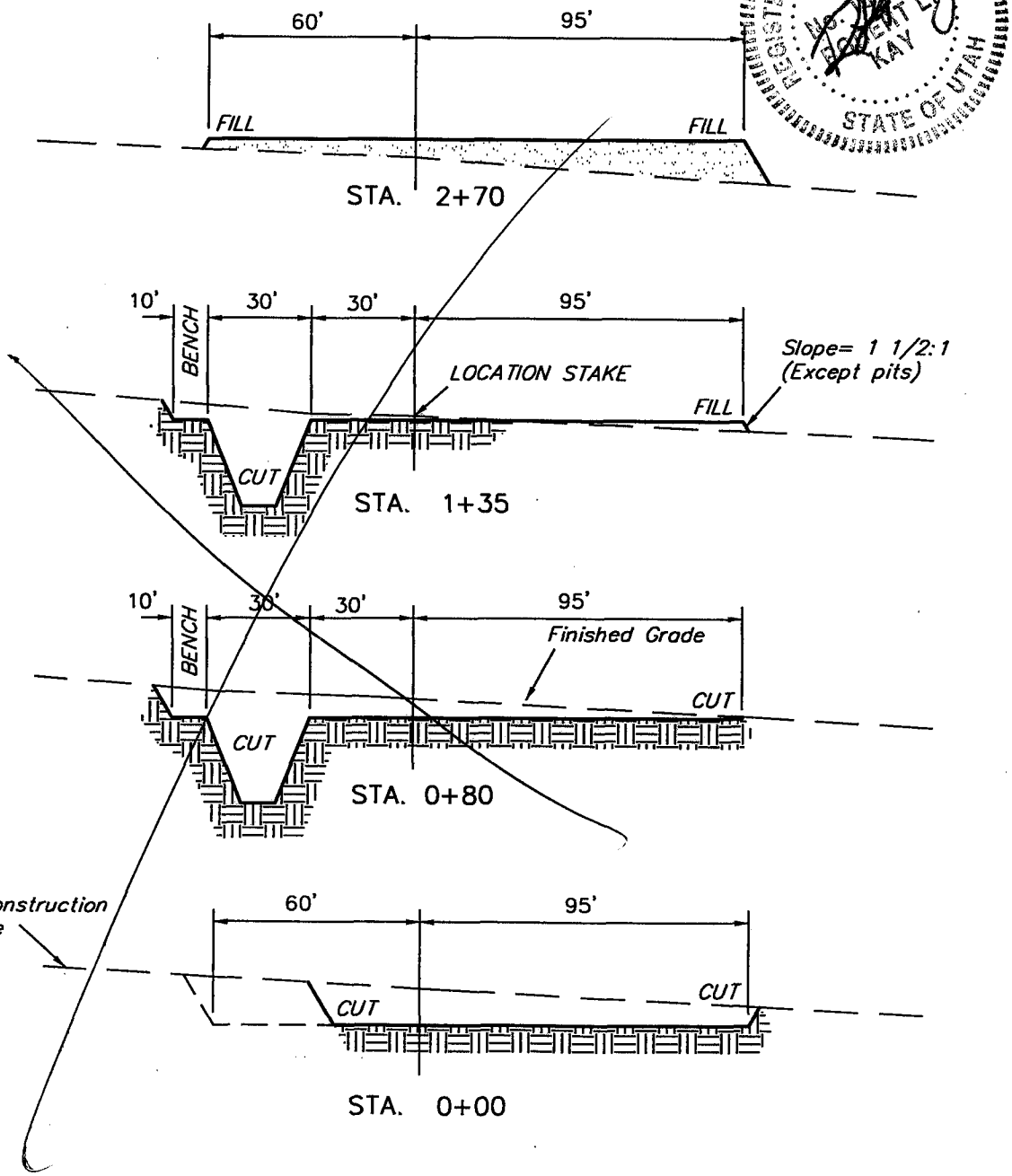
TYPICAL CROSS SECTIONS FOR

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1320' FNL 1320' FWL

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

DATE: 7-26-00
Drawn By: D.COX

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH



APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = *800* Cu. Yds.

Remaining Location = *2,060* Cu. Yds.

TOTAL CUT = *2,860* CU.YDS.

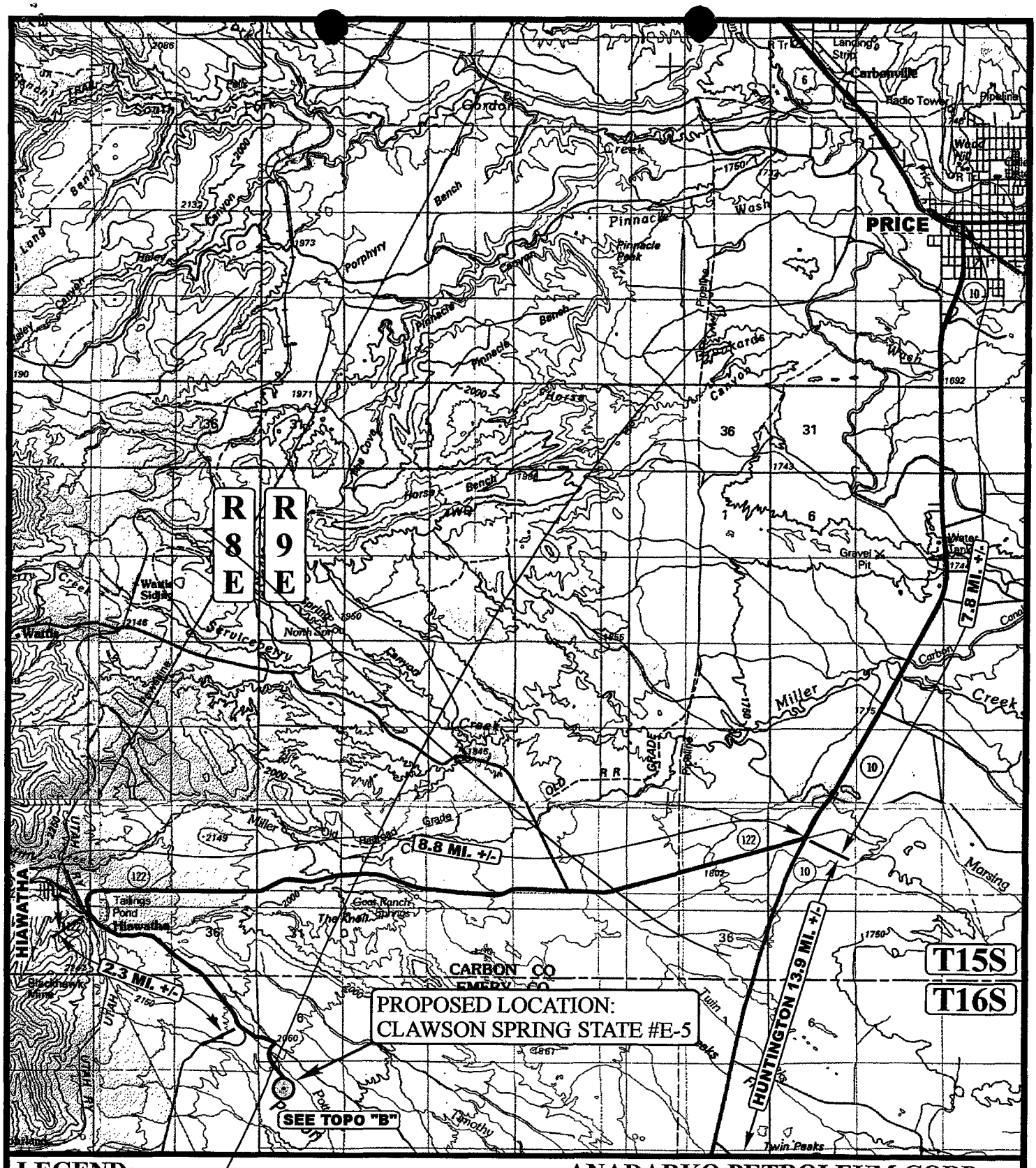
FILL = *1,540* CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = *1,240* Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = *1,070* Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = *170* Cu. Yds.

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



LEGEND:

PROPOSED LOCATION

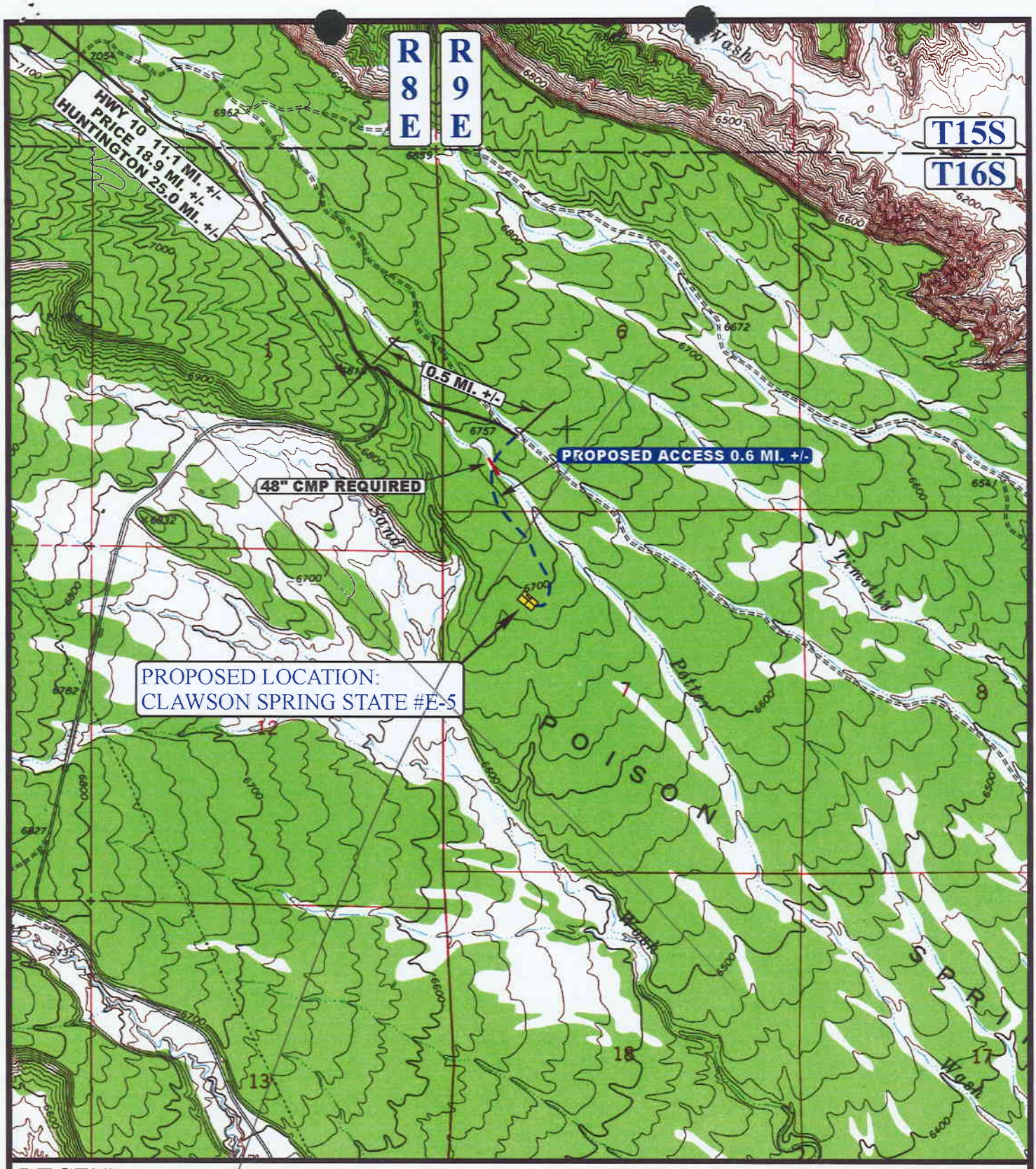
N

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1320' FNL 1320' FWL

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

TOPOGRAPHIC MAP	7 MONTH	25 DAY	00 YEAR	A TOPO
SCALE: 1 : 100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1320' FNL 1320' FWL

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

TOPOGRAPHIC MAP	7 MONTH	25 DAY	00 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/10/2000

API NO. ASSIGNED: 43-015-30470

WELL NAME: CLAWSON SPRING ST E-5

OPERATOR: ANADARKO PETROLEUM CORP (N0035)

CONTACT: ~~JUDY DAVIDSON~~ Joy Rector

PHONE NUMBER: ~~281-875-1101~~ 832-601-3093

PROPOSED LOCATION:

N ENW ~~C NW~~ 07 160S 090E

SURFACE: ~~1320 FNL 1320 FWL~~ 1217 FNL 1978 FWL

BOTTOM: ~~1320 FNL 1320 FWL~~

EMERY

UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering	JRB	~~11/8/2000~~ 11/14/2000
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48220

SURFACE OWNER: 3-State

PROPOSED FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 203521)

N Potash (Y/N)

N Oil Shale (Y/N) *190 - 5 (B)

✓ Water Permit
(No. PRWID)

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

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING: Contracted 11-3-2000

___ R649-2-3. Unit ~~Brunkers Wash~~

___ R649-3-2. General

Siting:

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 243-1 (1160')

Eff Date: 10-13-98

Siting: 1160' fr. Drl. Unit Boundary & 1320' between wells.

___ R649-3-11. Directional Drill

COMMENTS: Need Presite. (10-27-00)

STIPULATIONS: (1) STATEMENT OF BASIS

1. ALL FRESH WATER ZONES (USDW) ~~MUST~~ SHALL BE PROTECTED WITH CEMENT.

2. SURFACE CASING CEMENT MUST FILL ANNULUS TO GROUND LEVEL

Utah Oil Gas and Mining

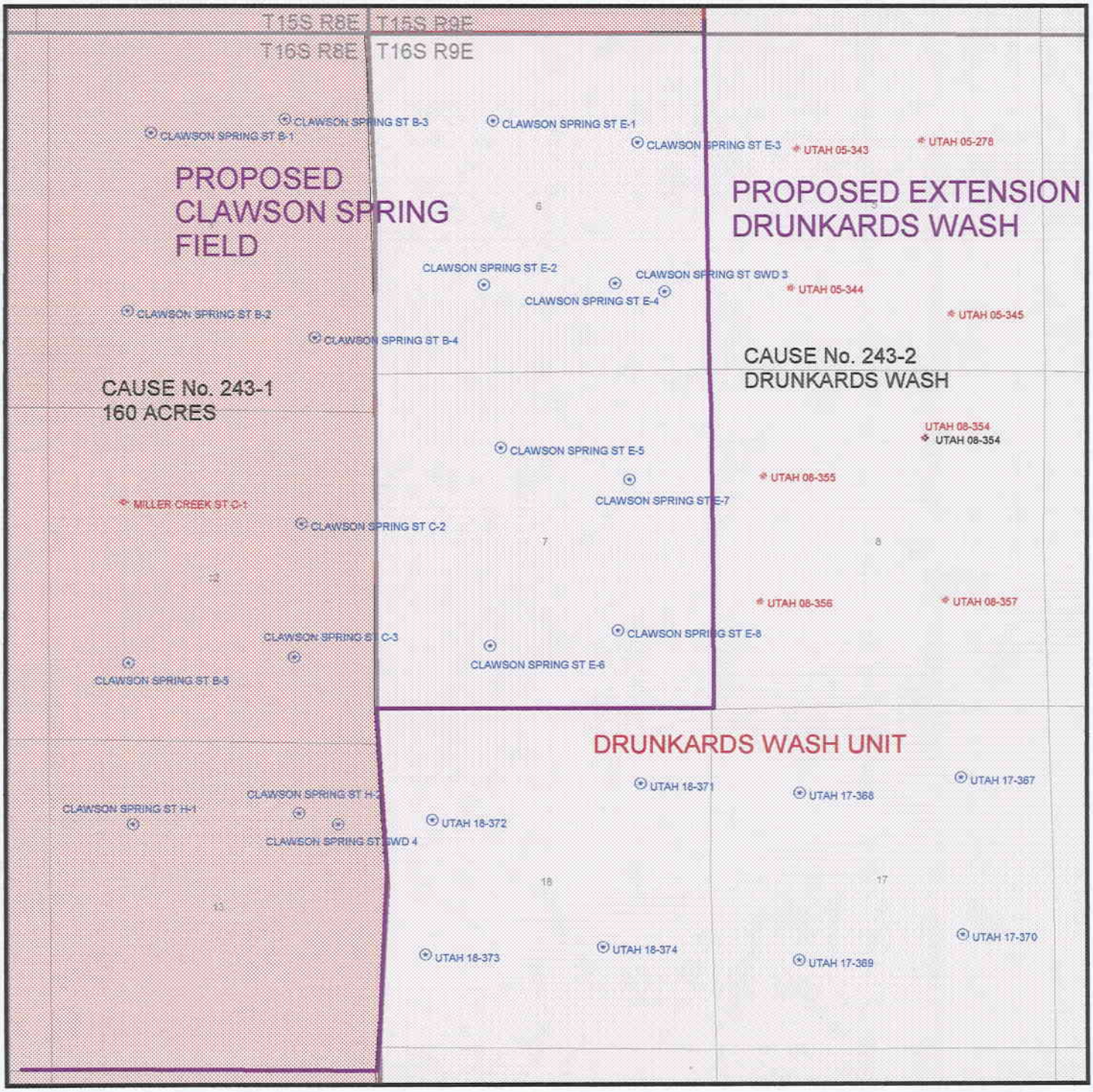
Serving the Industry, Protecting the Environment

OPERATOR: ANADARKO PETROLEUM CORP. (N0035)

FIELD: UNDESIGNATED (002)

SEC. 7, T 16 S, R 9 E,

COUNTY: EMERY, CAUSE NO:243-2 DRUNKARDS WASH UNIT



PREPARED
DATE: 3-NOV-2000

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
John Kimball
Division Director

Southeastern Region
475 West Price River Drive, Suite C
Price, Utah 84501-2860
435-636-0260
435-637-7361 (Fax)

9 September 2000

Onsite Gas well Inspection - ***Anadarko Corporation***

Clawson Springs State SWD#3: This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

Clawson Springs State SWD#4: This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

Clawson Springs State H-1: This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

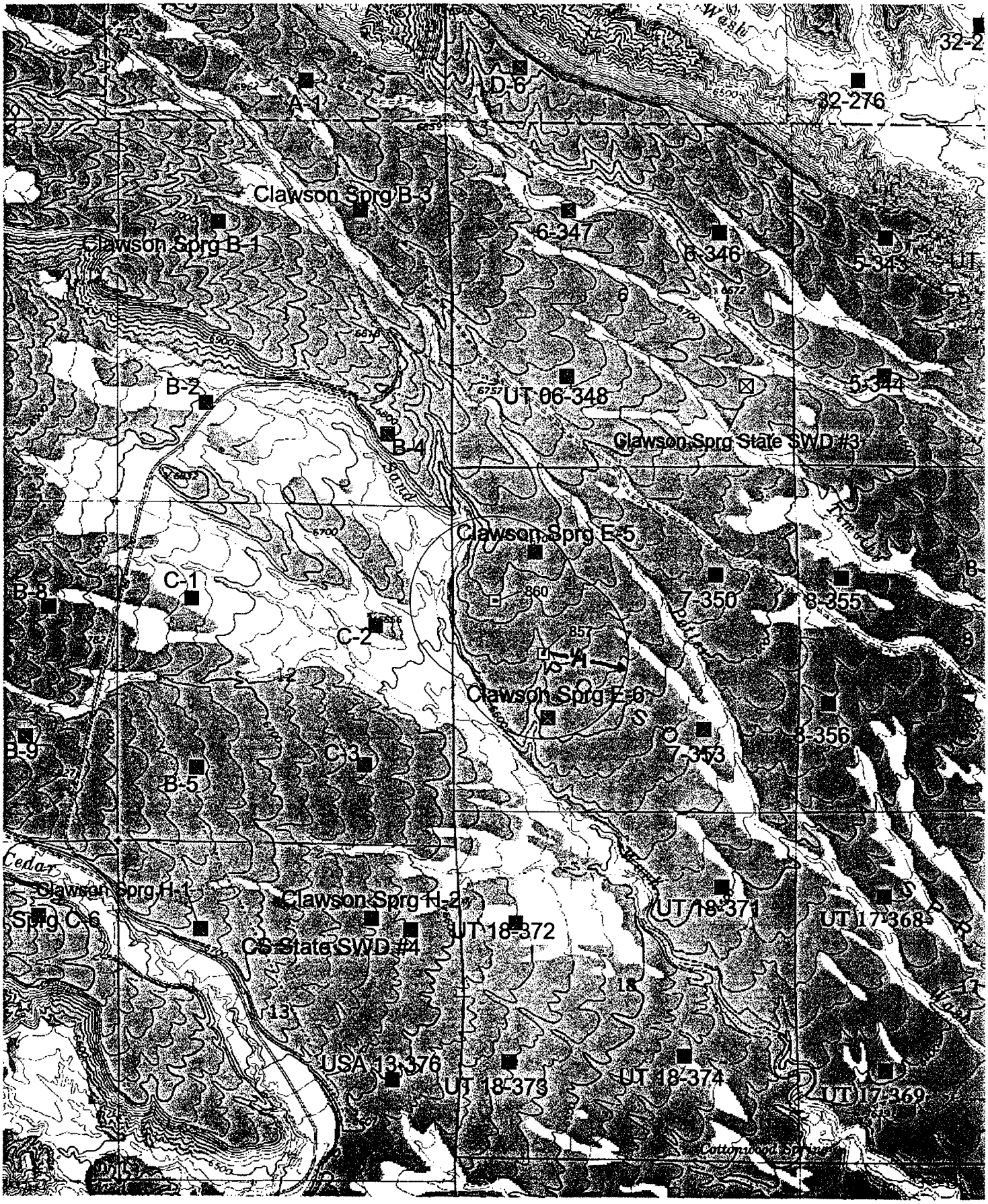
Clawson Springs State H-2: This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

Clawson Springs State E-5: The proposed well site is within ½ mile of two golden eagle nests; <1000' of #00-860 and <1600' of #00-857. These nests are within the same territory, and activity has alternated between nests, between years. It is our opinion that an exception could be granted to allow encroachment on these nests up to 1/4 mile, so long as the wells and their associated infrastructure are out of line of sight of the nest platforms. Due to the fact that these are tree nests low to the ground, we believe that they are more sensitive to disturbance than a nest high on a cliff escarpment. Therefore, we feel strongly that the wells and infrastructure not come within the 1/4 "exception" distance. Additionally, this area is within the big game winter range, therefore seasonal big game restrictions for construction and mitigation requirements should be followed.

Clawson Springs State E-6: The proposed well site is within ½ mile of two golden eagle nests; <1000' of #00-857 and <2000' of #00-860. These nests are within the same territory, and activity has alternated between nests, between years. It is our opinion that an exception could be granted to allow encroachment on these nests up to 1/4 mile, so long as the wells and their associated infrastructure are out of line of sight of the nest platforms. Due to the fact that these are tree nests low to the ground, we believe that they are more sensitive to disturbance than a nest high on a cliff escarpment. Therefore, we feel strongly that the wells and infrastructure not come within the 1/4 "exception" distance. Additionally, this area is within the big game winter range, therefore seasonal big game restrictions for construction and mitigation requirements should be followed.

Reviewer: Chris Colt, Habitat Biologist (In office review)
c:DOGM, Anadarko, USFWS, SITLA

DWR On Site Inspections



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 OR DEEPEN form for such purposes

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48220

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

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER: Coalbed Methane

8. WELL NAME and NUMBER: Clawson Spring State E-5

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

9. API NUMBER:

3. ADDRESS OF OPERATOR: 17001 Northchase Dr., Houston, Texas 77060

PHONE NUMBER: 832-601-3093

10. FIELD AND POOL, OR WILDCAT: Clawson Spring CBM

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1978' FWL & 1217' FNL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE NW of Section 7 T16S R9E

COUNTY: Emery

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REFERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☒ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: Sept 25, 2000	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

The location has been moved to the new footages to avoid sensitive Raptor nesting area. The new placement of the well is at the footages expressed above.

Please change your records to reflect the same and schedule this new location for field inspection.

RECEIVED
OCT 25 2000
DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Joy L. Rector TITLE Regulatory Coordinator

SIGNATURE J L Rector DATE October 23, 2000

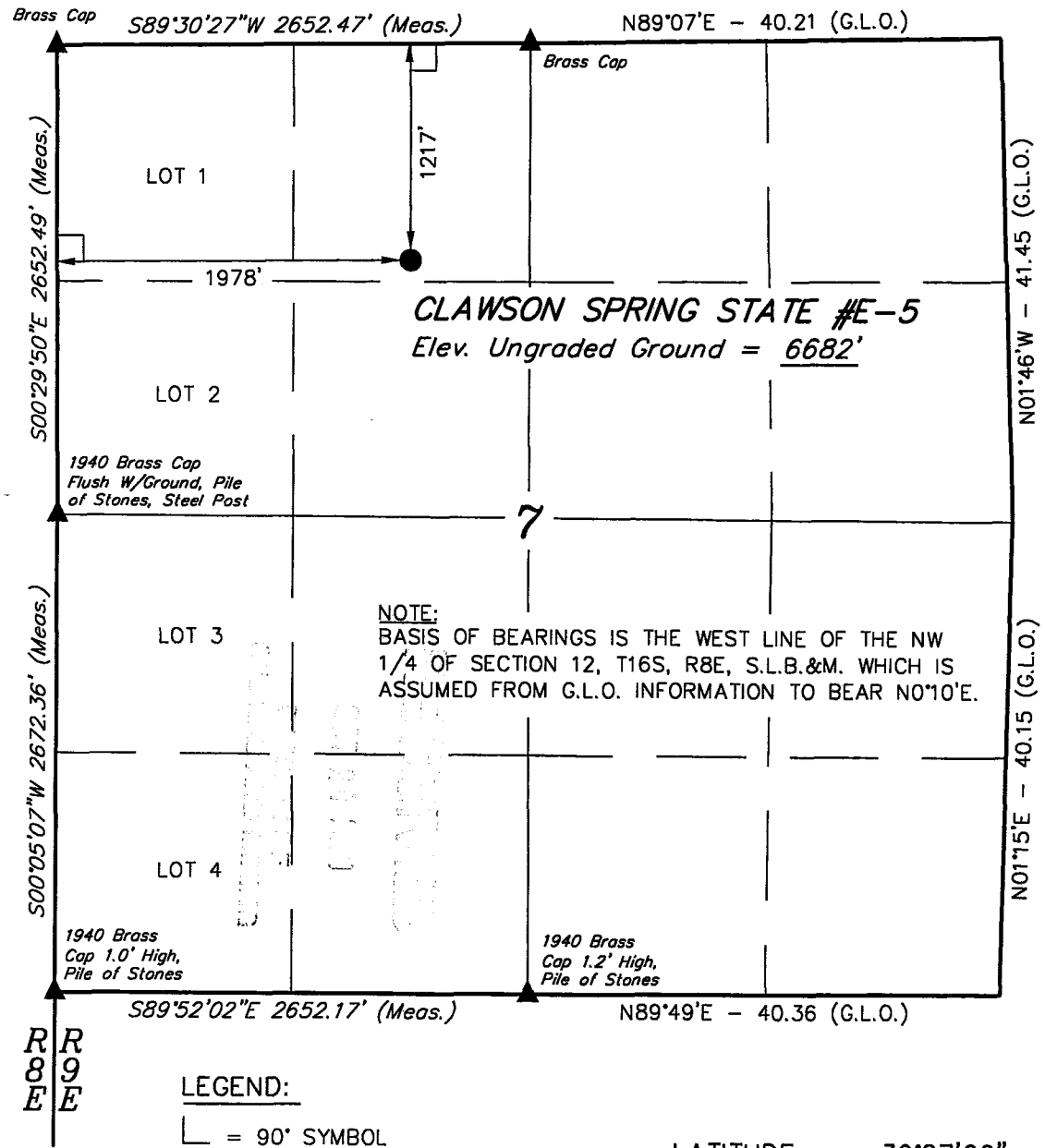
(This space for State use only)

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

ANADARKO PETROLEUM CORP.

Well location, CLAWSON SPRING STATE #E-5, located shown in the NE 1/4 NW 1/4 of Section 7, T16S, R9E, S.L.B.&M. Emery County, Utah.

T16S, R9E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

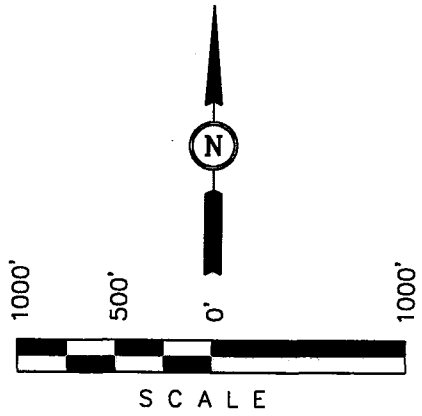
● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°27'06"
LONGITUDE = 110°57'29"

BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP LOCATED IN THE SW 1/4 OF SECTION 1, T16S, R8E, S.L.B.&M. TAKEN FROM THE POISON SPRING BENCH QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6832 FEET.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 9-26-00 D.COX

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

SCALE: 1" = 1000'	DATE SURVEYED: 7-13-00	DATE DRAWN: 7-25-00
PARTY: C.B.T. B.H. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: ANADARKO PETROLEUM CORP.	

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5

LOCATED IN EMERY COUNTY, UTAH
SECTION 7, T16S, R9E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #7 TO LOCATION STAKE **CAMERA ANGLE: SOUTHWESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD **CAMERA ANGLE: SOUTHWESTERLY**

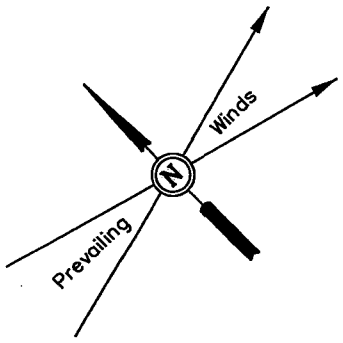
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	7 MONTH	25 DAY	00 YEAR	PHOTO
TAKEN BY: D.K.	DRAWN BY: J.L.G.	REVISED: 9-26-00		

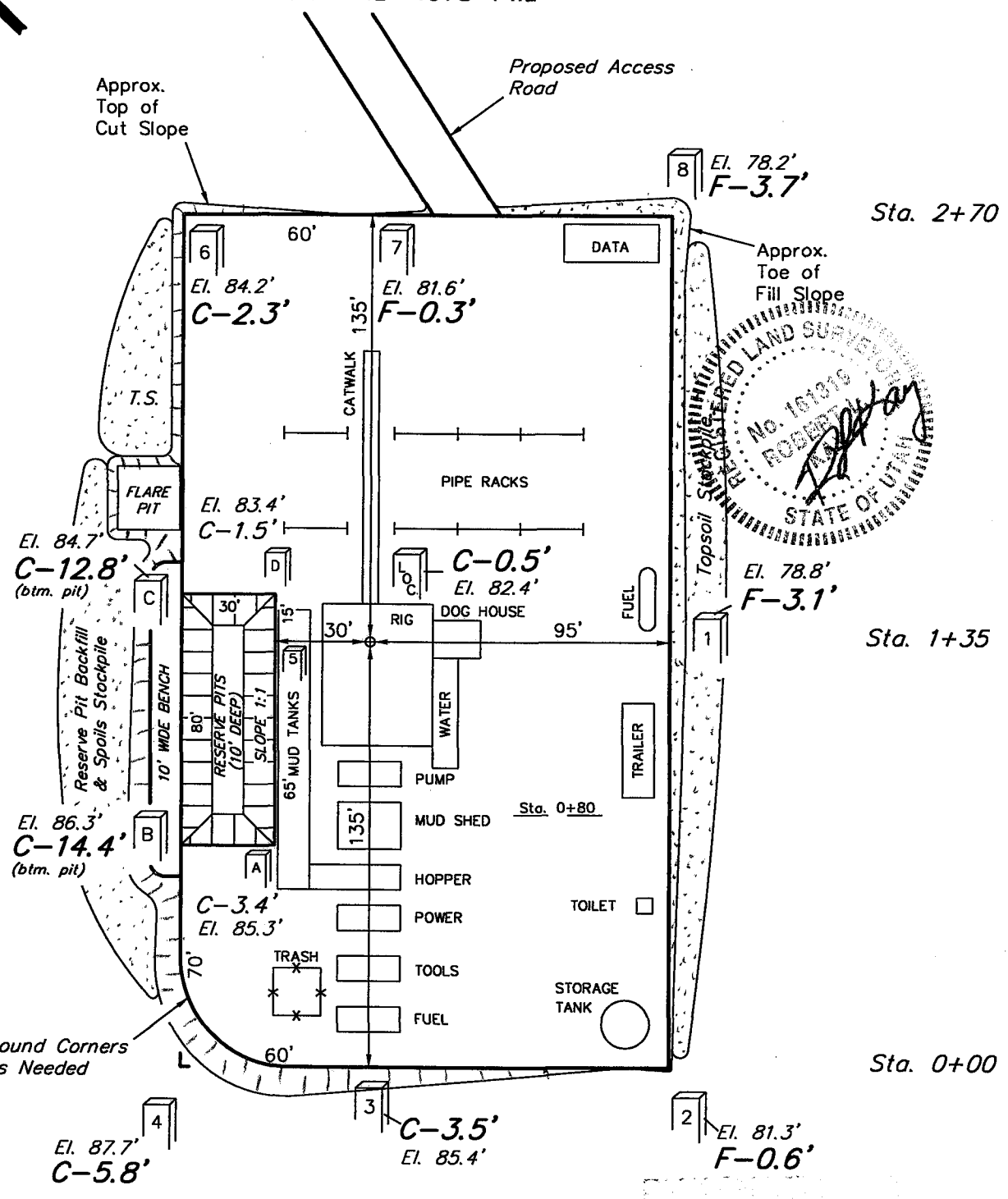
ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1217' FNL 1978' FWL



SCALE: 1" = 50'
DATE: 9-26-00
Drawn By: D.COX



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

RECEIVED
OCT 2 [illegible]
DIVISION OF
OIL, GAS AND MINING

ELEV. UNGRADED GROUND AT LOC. STAKE = 6682.4'

ELEV. GRADED GROUND AT LOC. STAKE = 6681.9'

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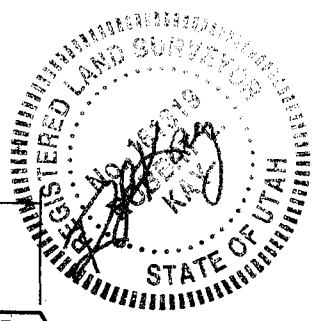
ANADARKO PETROLEUM CORP.

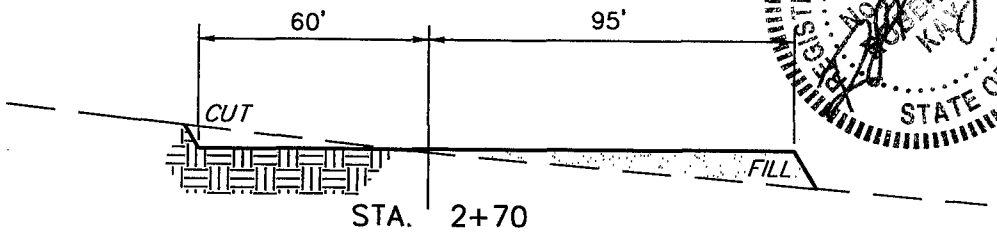
TYPICAL CROSS SECTIONS FOR

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1217' FNL 1978' FWL

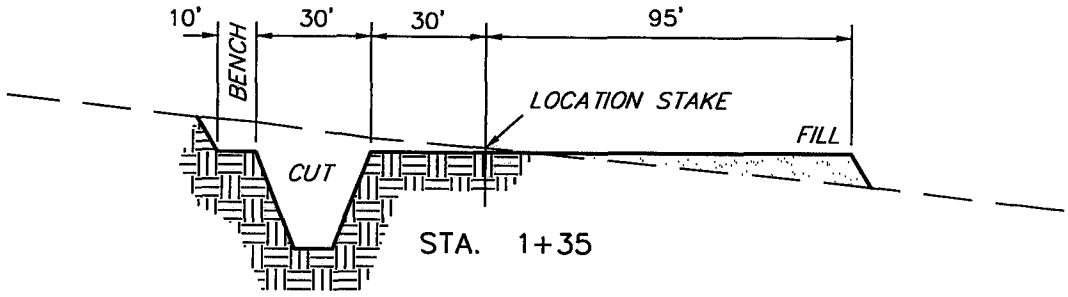
1" = 20'
X-Section Scale
1" = 50'

DATE: 9-26-00
Drawn By: D.COX

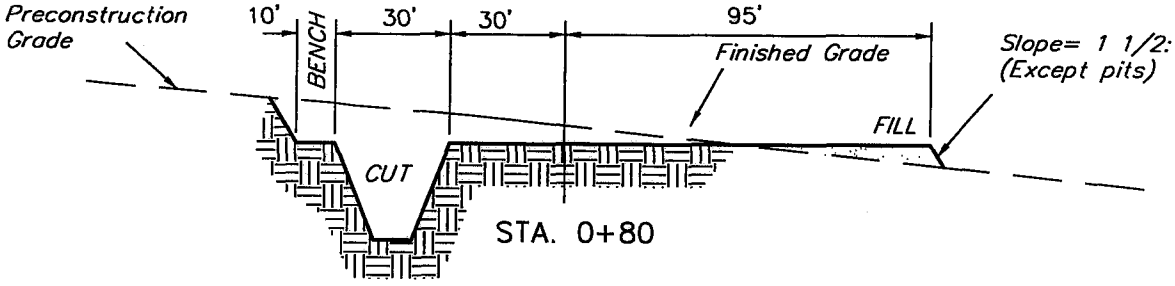




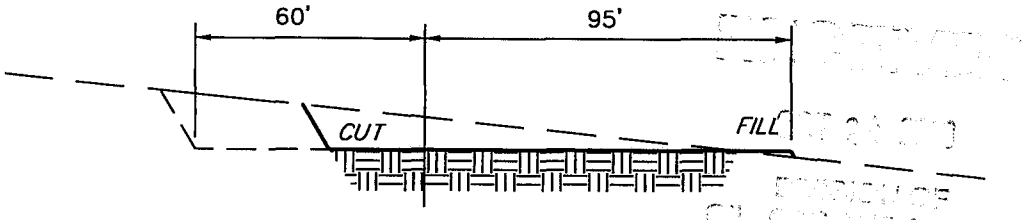
STA. 2+70



STA. 1+35



STA. 0+80



STA. 0+00

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = *800* Cu. Yds.

Remaining Location = *2,040* Cu. Yds.

TOTAL CUT = *2,840* CU.YDS.

FILL = *1,340* CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = *1,430* Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = *1,070* Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = *360* Cu. Yds.

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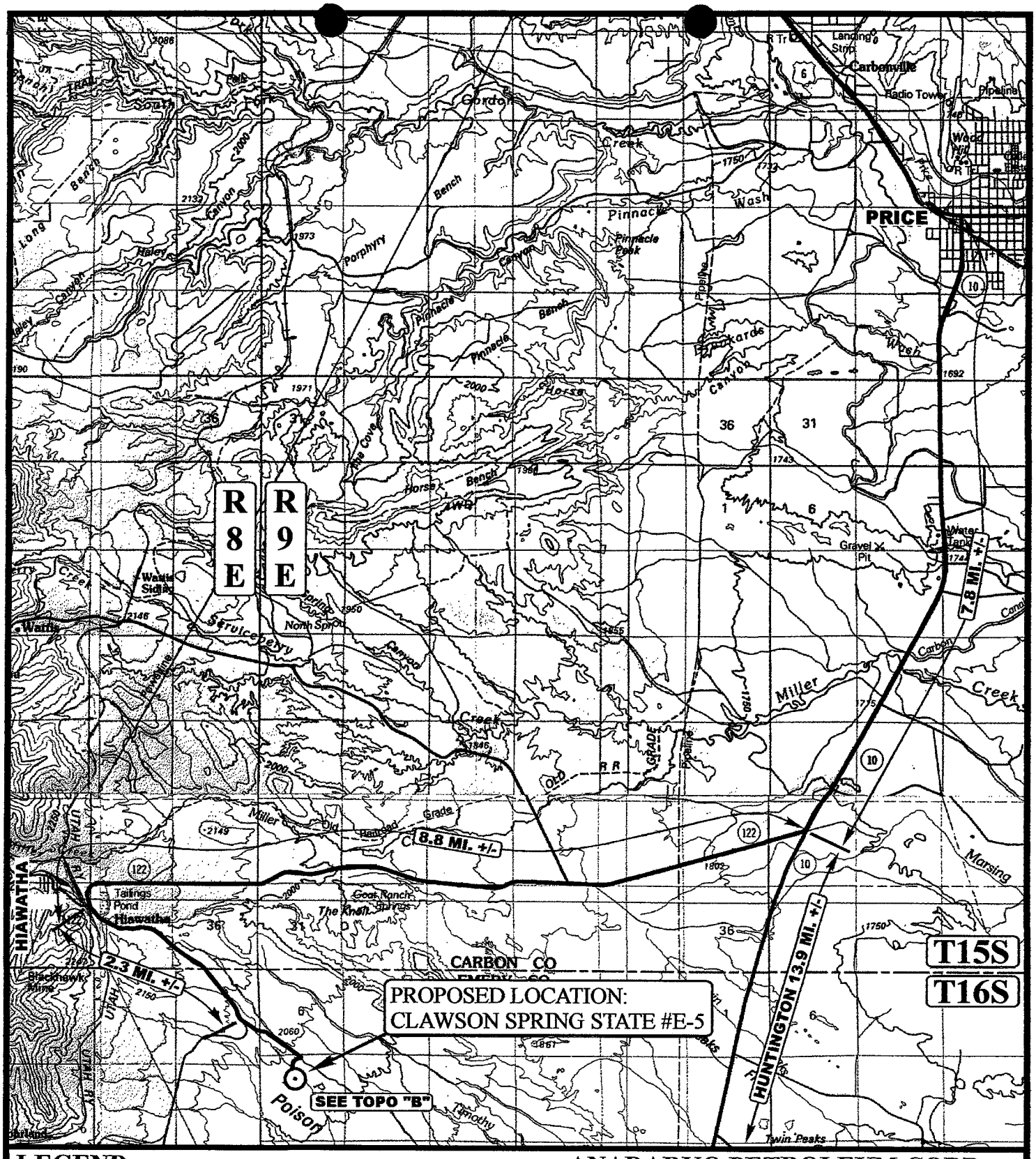


LEGEND:

⊙ PROPOSED LOCATION

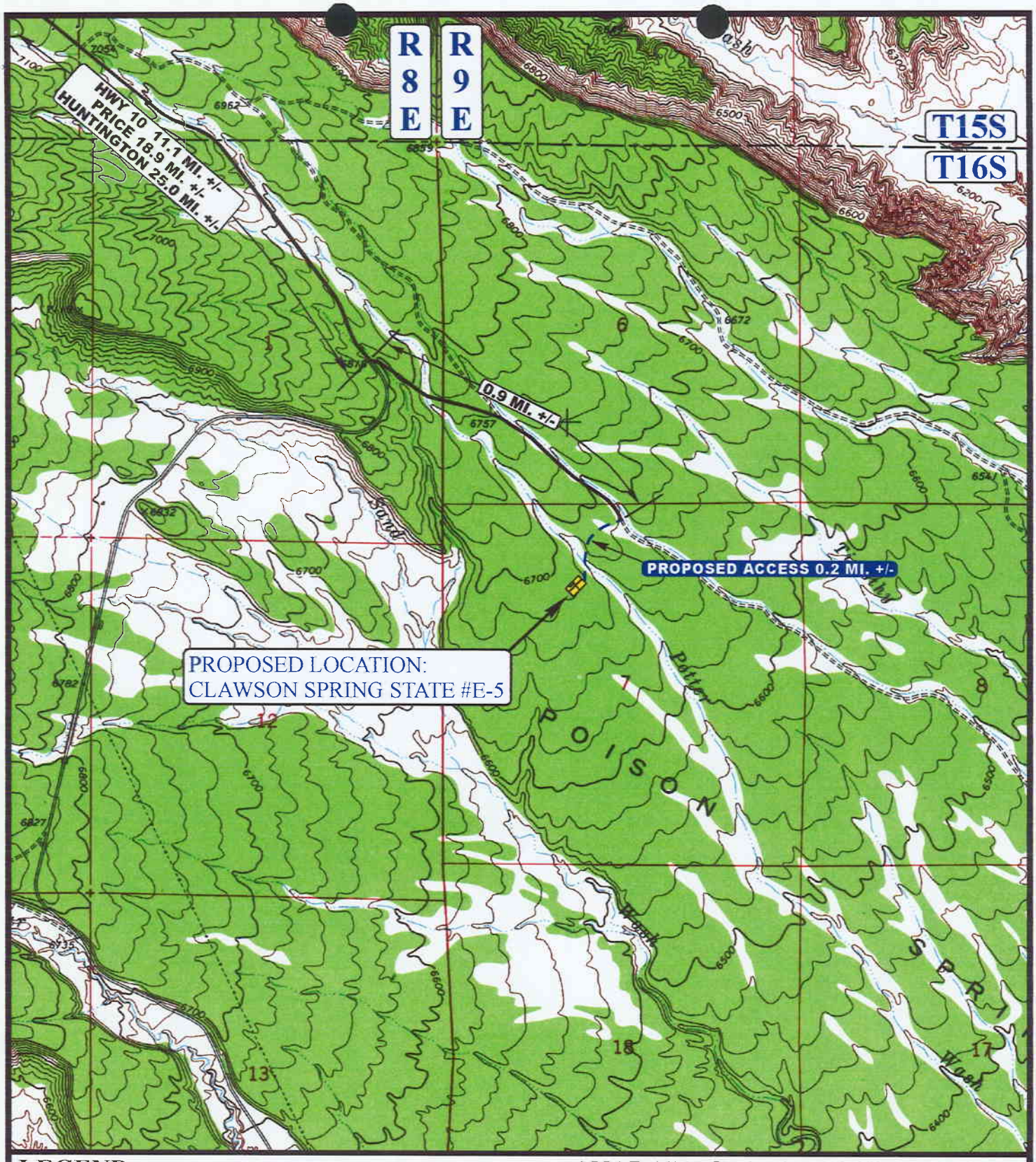
N

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1217' FNL 1978' FWL

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

TOPOGRAPHIC MAP	7 MONTH	25 DAY	00 YEAR	A TOPO
SCALE: 1 : 100,000	DRAWN BY: J.L.G.	REVISED: 9-26-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

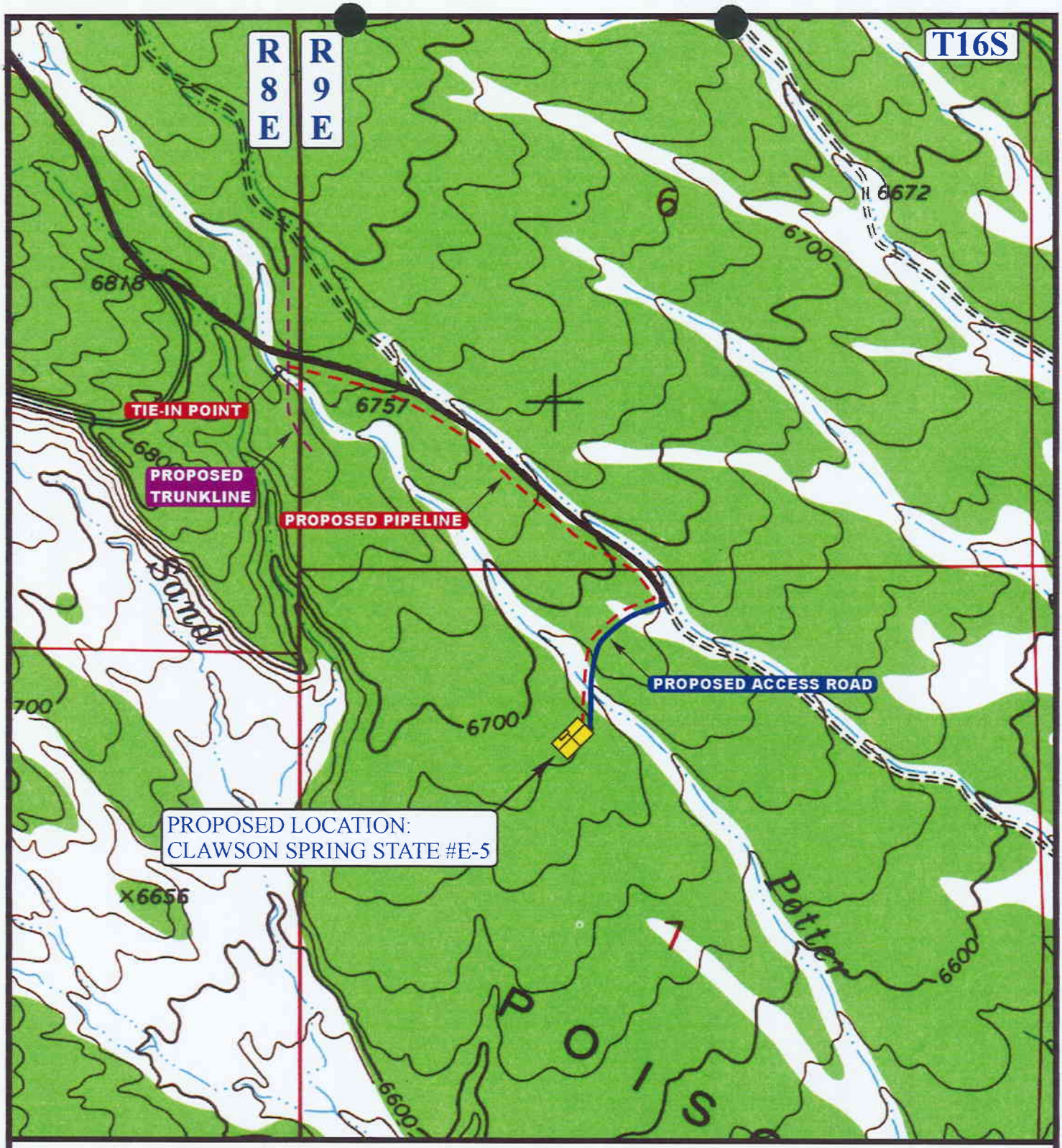
N

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1217' FNL 1978' FWL

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

TOPOGRAPHIC MAP	7 MONTH	25 DAY	00 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 9-26-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 4300' +/-

EXISTING PIPELINE
PROPOSED PIPELINE
PROPOSED ACCESS

N

ANADARKO PETROLEUM CORP.

CLAWSON SPRING STATE #E-5
SECTION 7, T16S, R9E, S.L.B.&M.
1217' FNL 1978' FWL

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

TOPOGRAPHIC MAP	9 MONTH	26 DAY	00 YEAR	C TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

DEPARTMENT OF NATURAL RESOURCES
Division of Water Rights

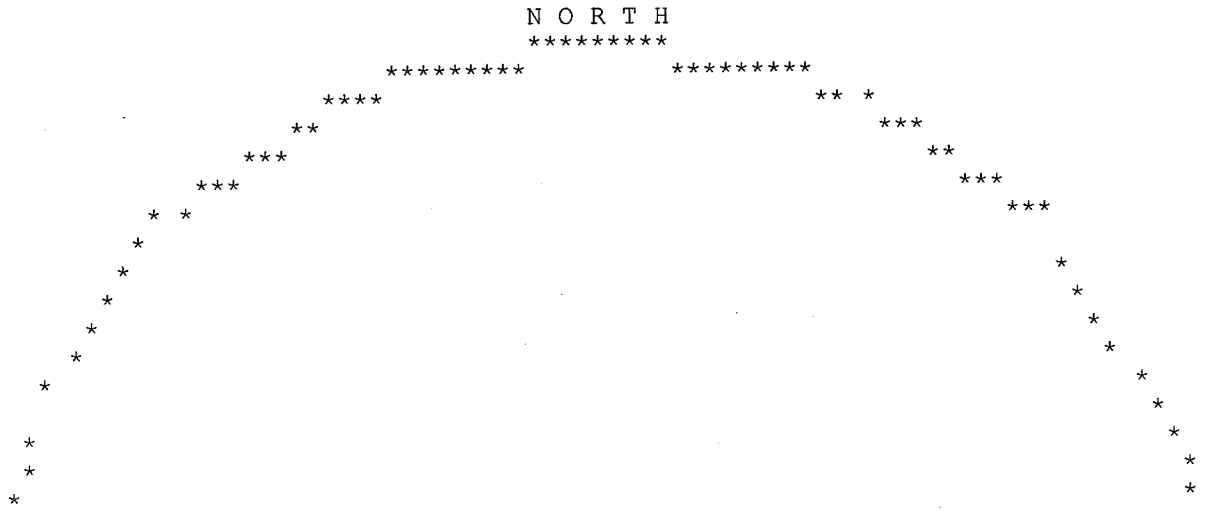
WWWPLAT Point of Diversion Listing

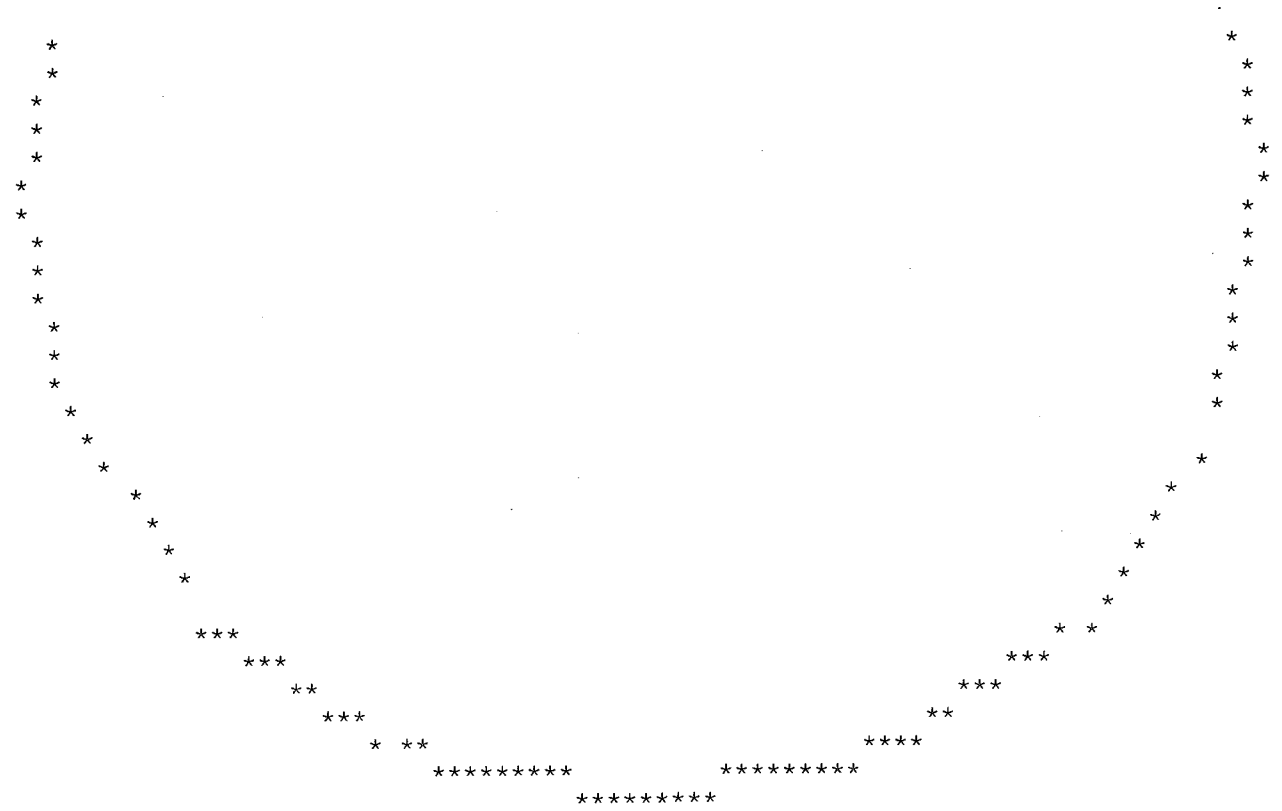
Version: 2000.10.23.00 **Rundate: 10/24/2000 09:44 AM**

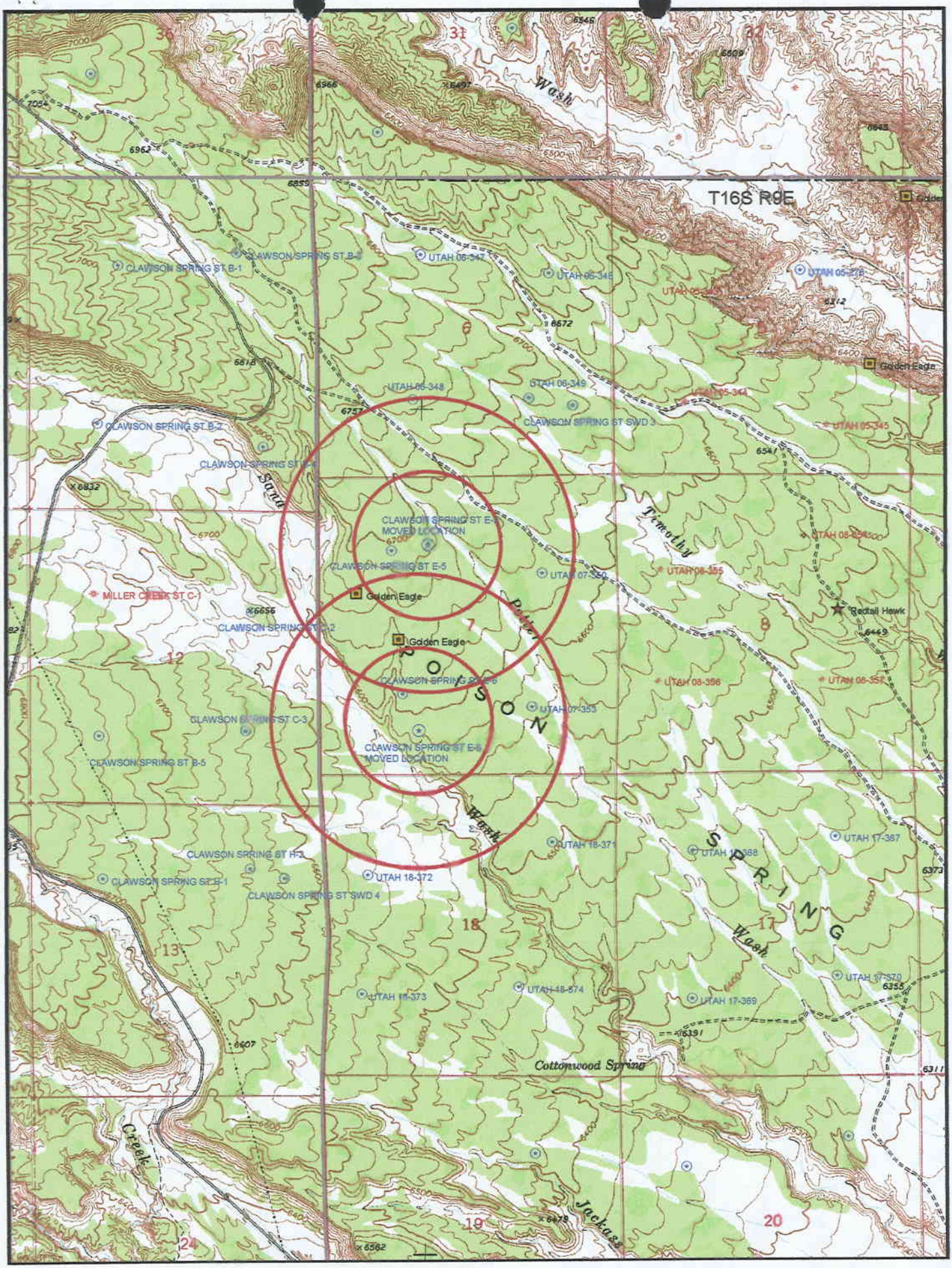
UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, OCT 24, 2000, 9:53 AM
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT
S 1217 FEET, E 1978 FEET OF THE NW CORNER,
SECTION 7 TOWNSHIP 16S RANGE 9E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET






T16S R9E
Wash
Sand
Timothy
Potter
POISON
SPRING
Wash
Wash
Creek
Jackass
Cottonwood Spring
Golden Eagle
Redtail Hawk
CLAWSON SPRING ST B-1
CLAWSON SPRING ST B-2
CLAWSON SPRING ST B-3
CLAWSON SPRING ST B-4
CLAWSON SPRING ST B-5
CLAWSON SPRING ST C-1
CLAWSON SPRING ST C-2
CLAWSON SPRING ST C-3
CLAWSON SPRING ST E-5
CLAWSON SPRING ST E-5 MOVED LOCATION
CLAWSON SPRING ST E-6
CLAWSON SPRING ST E-6 MOVED LOCATION
CLAWSON SPRING ST H-2
CLAWSON SPRING ST SWD 3
CLAWSON SPRING ST SWD 4
MILLER CREEK ST C-1
UTAH 06-347
UTAH 06-348
UTAH 06-349
UTAH 05-345
UTAH 07-350
UTAH 08-355
UTAH 08-356
UTAH 07-353
UTAH 18-371
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UTAH 17-368
UTAH 17-369
UTAH 17-370
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DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: Anadarko Petroleum Corporation
Name & Number: Clawson Spring State E-5
API Number: 43-015-30470
Location: 1/4,1/4 NE NW Sec. 6 T. 16S R. 9E County: Emery

Geology/Ground Water:
There are no aquifers with high quality ground water expected to be encountered. Coyote Spring (1 ½ miles east) may present a minor stock water resource however it will not be impacted. A moderately - permeable soil is developed on the Quaternary / Tertiary Pediment Mantle covering the Blue Gate Member of the Mancos Shale. The Emery Sandstone Member of the Mancos Shale may be present at this location and may contain a minor water resource. The proposed surface casing and cementing program should be sufficient to ensure the protection of the ground water resources. There are no points of diversion associated with this well site in the state database.

Reviewer: K. Michael Hebertson **Date**: 27/October/2000

Surface:
The nearest moving surface waters are in Miller Creek and Cedar Creek (~2.25 miles north and ~2.25 miles southwest, respectively). Surface water may be found at Coyote Spring (~1 ½ miles east) and Cottonwood Spring (~2 miles south). Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. The site was photographed and characterized on 1/28/2000. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. The well utilities and gas gathering system will follow the approach roadway.

Reviewer: K. Michael Hebertson **Date**: 27/October/2000

Conditions of Approval/Application for Permit to Drill:

1) Culverts sufficient to manage expected runoff, standing and surface water shall be installed in crossed drainages.
2) The location and pit is to be bermed.
3) Minimum 12 mil synthetic pit liner is required.
4) Topsoil stockpiling will be in a long low berm rather than a tall heap or pile.
5) Surface casing will be set below all Emery Sandstone Members.

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

OPERATOR: Anadarko Petroleum Corporation
WELL NAME & NUMBER: Clawson Springs State E-5
API NUMBER: 43-015-30470
LEASE: State FIELD/UNIT: Clawson Spring
LOCATION: 1/4,1/4 NE NW Sec: 7 TWP: 16S RNG: 9E 1217 FNL 1978 FWL
LEGAL WELL SITING: 460' From a Unit Boundary and/or uncommitted tracts.
GPS COORD (UTM): X =503,616 E; Y =4,366,688 N 503,628 E 4,366,698 N GPS
SURFACE OWNER: SITLA

PARTICIPANTS

C. Kierst & M. Hebertson (DOGM), Jim Hartley (Anadarko) Bryant Anderson (Emery County) Chris Colt (DWR)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~3.25 miles east of the foot of the Wasatch Plateau. ~3.5 miles southeast of Hiawatha, UT and 1 ½ miles south of Washboard Wash. Location is on Poison Spring Bench in an area that was chained in the 60's by the BLM in a measure that is supposed to improve available feed for wildlife. When it is active Washboard Wash would eventually reach the Price River about 15 miles down stream. The location is ½ mile' north of Sand Wash.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 270' X 155' pad with 30' X 80' X 10' attached pit. ~3300' new access road is required.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 7 approved APD status wells and 2 CBM production locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Buried power line and gathering system follow approach road. Production facilities include a pumpjack, separator enclosure, casing and tubing strings, well head, telemetry equipment and transformer.

SOURCE OF CONSTRUCTION MATERIAL: Gravel location and approach road; soil stored in berm.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a RGC-operated salt water disposal well. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAINS AND/OR WETLANDS: None - The area is drained by Timothy Wash which eventually drains into the Price River ~15.5 miles to the east.

FLORA/FAUNA: Pinyon, juniper / birds, lizards, coyotes, rodents, raptors, elk and deer critical winter range, reptiles.

SOIL TYPE AND CHARACTERISTICS: Sandy, silty, moderately-permeable soil developed on Quaternary / Tertiary Pediment Mantle covering the Blue Gate Member of the Mancos Shale. (GP-SM-ML)

SURFACE FORMATION & CHARACTERISTICS: Quaternary / Tertiary Pediment Mantle over the upper portion of the Blue Gate Member (above the Emery Sandstone Member) of Mancos Shale, light gray, bentonitic shale and sandstone ledges.

EROSION/SEDIMENTATION/STABILITY: Stable.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.

SURFACE RESTORATION/RECLAMATION PLAN

See SITLA Surface Agreement.

SURFACE AGREEMENT: SITLA Surface Agreement.

CULTURAL RESOURCES/ARCHAEOLOGY: Archaeological survey completed and filed with the state.

OTHER OBSERVATIONS/COMMENTS

The location was moved from the original site because of raptor issues that required a set distance buffer zone and a consideration for the birds security. A winter closure is requested by DWR to comply with the EIS for this area.

ATTACHMENTS:

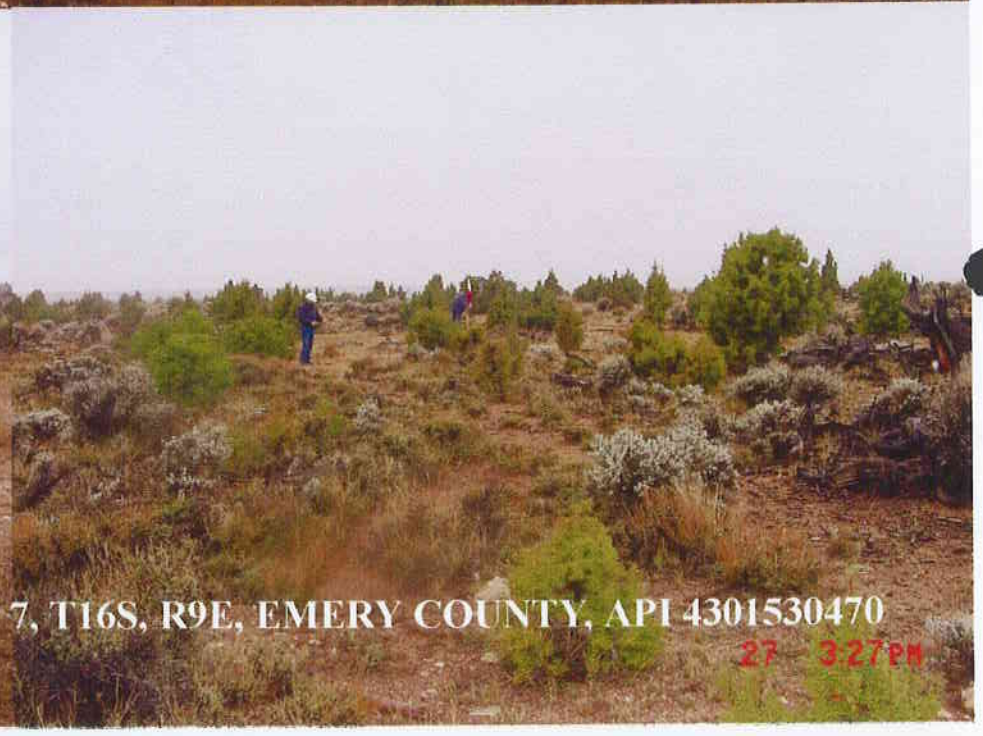
4 photographs taken.

K. Michael Hebertson	27/October/2000 / 3:30 PM
DOGM REPRESENTATIVE	DATE/TIME

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

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	0
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	2
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	0
<500	20	
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	0
<300	20	
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15 20	3
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	5
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	0
>50	10	
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	5
Present	15	

Final Score 25 (Level I Sensitivity)



ANADARKO, CLAWSON SPRING STATE E-5, SEC. 7, T16S, R9E, EMERY COUNTY, API 4301530470

Well name:	**11-00 Anadarko CS ST E-5**
Operator:	**Anadarko**
String type:	Surface
Project ID:	43-015-30470
Location:	Emery County

Design parameters:

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

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 130 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

Tension is based on buoyed weight.
Neutral point: 263 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 7,500 ft
Next mud weight: 8.330 ppg
Next setting BHP: 3,245 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,865 ft
Injection pressure 3,865 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	32.00	J-55	LT&C	300	300	7.875	19

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	130	2530	19.502	130	3930	30.29	8	417	49.60 J

Prepared by: M. Hebertson
Utah Div. of Oil & Mining

Date: November 2,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: None. Surf. Cement Top w/14% washout, Prod Cement top w/8% washout
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

Well name:	**11-00 Anadarko CS ST E-5**
Operator:	**Anadarko**
String type:	Production
Location:	Emery County
Project ID:	43-015-30470

Design parameters:

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

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 1,947 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

Tension is based on buoyed weight.
Neutral point: 3,931 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 138 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 3,193 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4500	5.5	17.00	N-80	LT&C	4500	4500	4.767	155.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1947	6290	3.230	1947	7740	3.97	67	348	5.21 J

Prepared by: M. Hebertson
Utah Div. of Oil & Mining

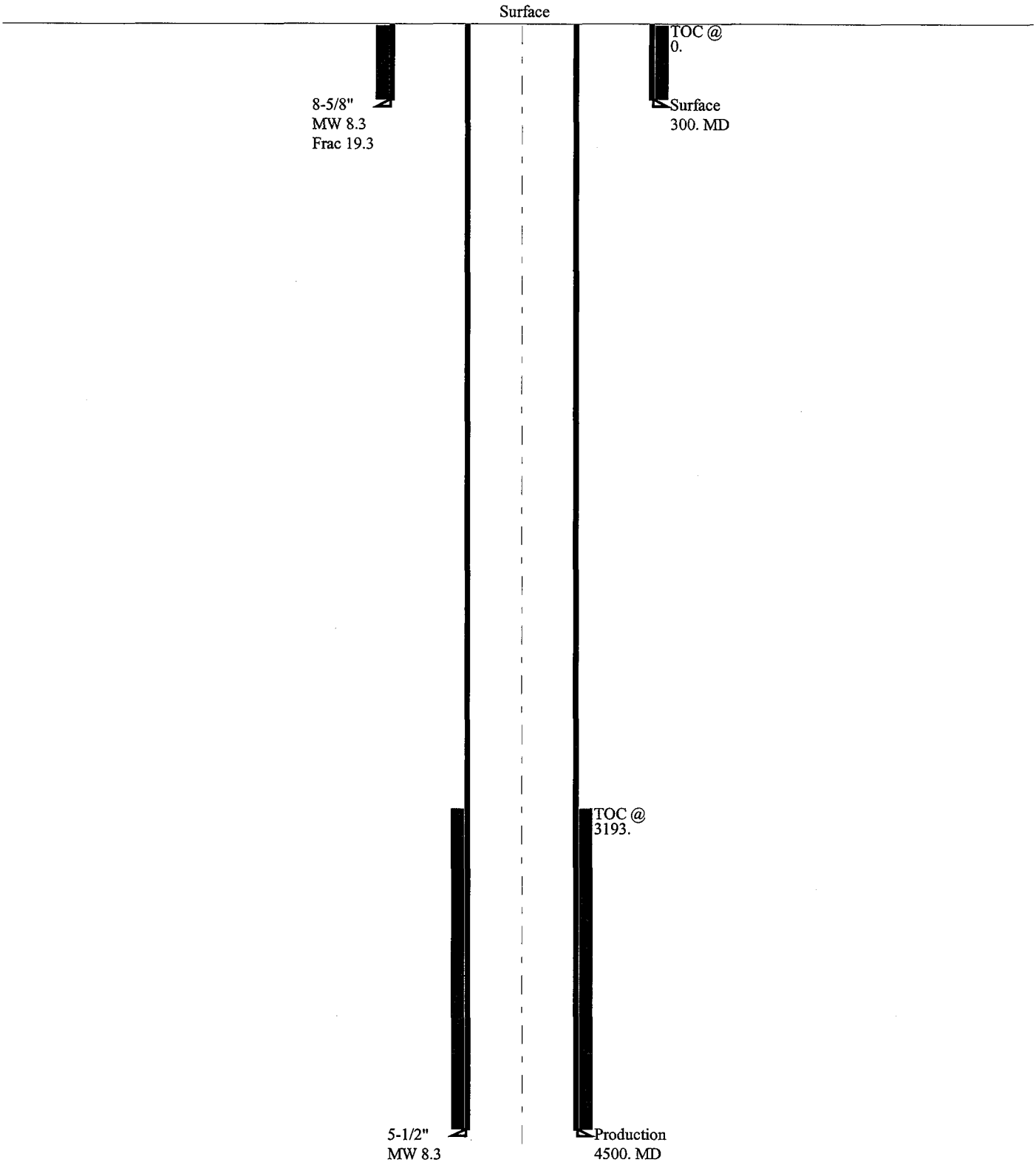
Date: November 2,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: None. Surf. Cement Top w/14% washout, Prod Cement top w/8% washout
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 4500 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

11-00 Anadarko CS ST E

Casing Schematic



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

November 3, 2000

River Gas Corporation
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Voluntary Contraction
Drunkards Wash Unit
Carbon & Emery Counties, Utah

Gentlemen:

Your letter of October 19, 2000, describes for our concurrence the lands eliminated after voluntary contraction of the Drunkards Wash Unit Area, Carbon & Emery Counties, Utah, pursuant to Section 2 of the unit agreement. The lands so eliminated total 1,280.00 acres, more or less. The resultant unit area contains 89,415.25 acres.

We concur in your description of the lands voluntary eliminated from the Drunkards Wash Unit Agreement, effective as of September 1, 2000. You have complied with the requirements of Section 2, provided you promptly notify all interested parties.

Sincerely,

/s/ Teresa Thompson

for Robert A. Henricks
Chief, Branch of Fluid Minerals

bcc: Minerals Adjudication Group w/enclosure
Field Manager - Moab w/enclosure
Division of Oil, Gas and Mining
Trust Lands Administration
State Lands
File - Drunkards Wash Unit w/enclosure
Agr. Sec. Chron
Fluid Chron File

UT931:TAThompson:tt:11/3/00

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

COPY

August 21, 2000

River Gas Corporation
Attn: Joseph L. Stephenson
1300 McFarland Boulevard, NE, Suite 300
Tuscaloosa, Alabama 35406-2233

Re: Preliminary Approval of the
Proposed Voluntary Contraction of the
Drunkards Wash Unit
Carbon and Emery Counties, Utah

Gentlemen:

Your application of August 11, 2000, gives notice of a proposed voluntary contraction of the Drunkards Wash Unit area, Carbon and Emery Counties, Utah. This contraction will delete 1,280.00 acres from the 90,695.25 acre unit, resulting in a contracted unit area of 89,415.25 acres, more or less.

We hereby concur in the proposed contraction of the Drunkards Wash Unit area and your proposed effective date of September 1, 2000.

This preliminary approval expires if the proposed contraction is not filed with the Chief, Branch of Fluid Minerals for final approval within 90 days of the effective date specified in your request.

When the application for contraction is submitted for final approval, it should be accompanied by revised Exhibits "A" and "B". However, do not renumber the existing tracts.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

bcc: Field Manager - Moab
SITLA
Division of Oil, Gas & Mining
Drunkards Wash Unit
Agr. Sec. Chron.
Fluid Chron.
UT931:TATHOMPSON:tt:8/21/00

RGC

RIVER GAS CORPORATION

August 11, 2000

Mr. Robert A. Henricks
Chief, Branch of Fluid Minerals
Bureau of Land Management
324 South State Street, Room 301
Salt Lake City, Utah 84111

RE: Application for Preliminary Approval of the Voluntary Contraction of the Drunkards Wash Unit Area Carbon and Emery Counties, Utah

Dear Mr. Henricks:

River Gas Corporation, Unit Operator, hereby request your preliminary approval of the voluntary contraction of certain lands now encompassed by the Drunkards Wash Unit Agreement to exclude from said unit area the following described lands:

Township 16 South, Range 9 East, S.L.M.	
Section 6:	Lots 1, 2, 3, 4, 5, 6, 7, S/2NE/4, SE/4NW/4, E/2SW/4, SE/4
Section 7:	Lots 1, 2, 3, 4, E/2, E/2W/2

Containing 1,280.00 acres, more or less

The proposed contraction comprises the exclusion of 1,280.00 acres which is composed of 1,280.00 acres (100.00%) State Lands.

Mr. Tom Faddies of the School and Institutional Trust Lands Administration ("SITLA") is aware of this proposal. The SITLA has no objections to it. The Parties involved agree and are confident that voluntary contraction of the Drunkards Wash Unit Area would better serve the affected parties to the lands described above by supplementing and facilitating the current development by another operator adjacent to the Drunkards Wash Unit Area.

For the lands within the proposed contracted area, UnitSource Incorporated will send you an Exhibit "A" showing the present unit area and the identity of the various tracts and leases in the proposed contraction.

1300 McFarland Boulevard, N. E., Suite 300 • Tuscaloosa, Alabama 35406-2233 • 205/759-3282 Telephone
Facsimile: Executive/General Office 205/758-5309 • Finance 205/759-4186 • Production/Land 205/759-3188 • Development 205/349-3069

Notification will be given to the committed parties in the existing unit area, pursuant to Section 2 of the Drunkards Wash Unit Agreement subsequent to your preliminary approval of this request for voluntary contraction. I also request that your preliminary approval recognize that the required thirty (30) day notice period will begin upon deposit of said notice with the United States Postal Service. It is further requested that voluntary contraction of the Drunkards Wash Unit Area be effective as of September 1, 2000.

Please transmit all correspondence regarding this application to UnitSource Incorporated, 11184 Huron Street, Suite 16, Denver, Colorado 80234. Thank you.

Sincerely yours,

Joseph L. Stephenson
Vice President- Land

Enclosure

Cc: UnitSource Incorporated
Mr. Thomas B. Faddies, SITLA

EXHIBIT "B"

CONTRACTION OF THE
DRUNKARDS WASH UNIT AREA
CARBON AND EMERY COUNTIES, UTAH

TRACT NUMBER	STATE SERIAL NUMBER	EXPIRATION DATE
277	ML-48220	2/28/2005

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ANADARKO PETROLEUM CORP

Well Name: CLAWSON SPRING ST E-5

Api No.. 43-015-30470 LEASE TYPE: STATE

Section 07 Township 16S Range 09E County EMERY

Drilling Contractor BOB BEAMAN DRILLING RIG # 23

SPUDDED:

Date 11/11/2000

Time 11:00 AM

How ROTARY

Drilling will commence

Reported by GARY VANCIL

Telephone # 1-435-260-2078

Date 11/13/2000 Signed: CHD

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

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
801-359-3940 (Fax)
801-538-7223 (TDD)

November 14, 2000

Anadarko Petroleum Corporation
17001 Northchase Drive
Houston, TX 77060

Re: Clawson Spring State E-5 Well, 1217' FNL, 1978' FWL, NE NW, Sec. 7, T. 16 South, R. 9 East, Emery County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30470.

Sincerely,

John R. Baza
Associate Director

er
Enclosures
cc: Emery County Assessor
SITLA

Operator: Anadarko Petroleum Corporation

Well Name & Number Clawson Spring State E-5

API Number: 43-015-30470

Lease: ML 48220

Location: NE NW **Sec.** 7 **T.** 16 South **R.** 9 East

Conditions of Approval

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

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

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

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

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

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

6. Surface casing cement shall fill annulus to ground level.

7. All freshwater zones (USDW's) shalll be protected with cement.

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

RECEIVED
NOV 20 2000
DIVISION OF
OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Anadarko Petroleum Corporation
Operator Account Number: N 14597-0
Address: 17001 Northchase Drive
city Houston
state TX zip 77060
Phone Number: 281-874-3441

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-015-30470	Clawson Spring State E-5	NENW	7	16S	9E	Emery

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	12971	11/16/00	11-16-00

Comments: 11-21-00 CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

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

Comments:

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County

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

Comments:

ACTION CODES:

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

Jennifer Berlin
Name (Please Print)

Signature

Environmental Regulatory Analyst
Title

11/16/00
Date

(5/2000)

CONFIDENTIAL

AMENDED REPORT ☐ (highlight changes)

FORM 8

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48220

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER CBM

8. WELL NAME and NUMBER: Clawson Spring State E-5

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

9. API NUMBER: 43-015-30470

3. ADDRESS OF OPERATOR: 17001 Northchase Drive, Houston, Texas 77060

PHONE NUMBER: 281-875-1101

10. FIELD AND POOL, OR WILDCAT: CBM

CONFIDENTIAL PERIOD EXPIRED ON 4-8-02

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1217' FNL & 1978' FWL, NW Sec. 7, T16S, R9E
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Sec. 7, T16S, R9E

12. COUNTY: EMERY

13. STATE: UTAH

14. DATE SPUDDED	15. DATE T.D. REACHED	16. DATE COMPLETED:	17. ELEVATIONS (DF, RKB, RT, GL):
11/16/00	11/18/00	3/8/01 ABANDONED ☐ READY TO PRODUCE ☒	6399' GR

18. TOTAL DEPTH: MD / TVD	19. PLUG, BACK T.D.: MD / TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY?	21. DEPTH BRIDGE PLUG SET: MD / TVD
3725' / SAME	3685' / SAME		

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
GR/DEN/NEU/CAL
CBL/GR/CCL - 4-24-01

23.
WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
Drill System Test NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8" J55	24#		311'		126 sx G	26	Surface	
7 7/8"	5 1/2" N80	17#		3722'		105 sx G	30	2730'	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	3541'							

26. PRODUCING INTERVALS / 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
Ferron	3401	3491			3400-3491	.66"	140	Open ☒ Squeezed ☐
								Open ☐ Squeezed ☐
								Open ☐ Squeezed ☐
								Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3400-3491	163 M GAL 25# XLG + 500 M # 16/30 SD

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

30. WELL STATUS: PRODUCING

RECEIVED
APR 0 2 2001
DIVISION OF OIL, GAS AND MINING

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES:	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
3/8/01		3/5/01		24				141	34	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
		150								

INTERVAL B (As shown in item

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

INTERVAL C (As shown in item

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

INTERVAL D (As shown in item

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

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Ferron	3401	3491	Gas Bearing		

35. ADDITIONAL REMARKS (Include plugging procedure)

LOGS ALREADY ON FILE

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

NAME (PLEASE PRINT) Joe Bates TITLE Operations Analyst

SIGNATURE Joe Bates DATE 3/30/01

This report must be submitted within 30 days of

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

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

**ITEM24: Cement Top-Show how reported top(s) of cement were determined (circulated(CIR), calculated(CAL), cement bond log(CBL), temperature survey(TS))

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

Phone: 801-538-5340

Fax: 801-359-3940

(5\2000)

ANADARKO Daily Drilling Summary

CLAWSON SPRING STATE E-5

DRUNKARDS WASH, 1217' FNL & 1978' FWL OF SEC. 7, T16S, R9E, EMERY, UTAH, AFE NONE, ETD 0', GLE 6682', (FERRON COAL), API 43-015-30470

04/08/2002	**Data is not available at the time of transmission.**
04/07/2002	**Data is not available at the time of transmission.**
04/06/2002	MD 0', **SDFN** MIRU; SWAB WELLS; TOTAL BBL'S SWAB BACK 14. SI CSG PRESS 50 PSI, TBG PRESS 0 PSI. SDFN., CC $3,136
04/05/2002	**Data is not available at the time of transmission.**
04/04/2002	**WELL EVENT NOT STARTED.**
04/03/2002	**WELL EVENT NOT STARTED.**
04/02/2002	**WELL EVENT NOT STARTED.**

ANADARKO PETROLEUM CORPORATION 17001 NORTHCHASE DRIVE • P.O. BOX 1330 • HOUSTON, TEXAS 77251-1330
TEL. (281) 875-1101

Anadarko

April 23, 2001

Ms. Carol Daniels
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

CONFIDENTIAL

Dear Ms. Daniels:

Please find enclosed 2 copies of logs for the wells listed below. We apologize for any inconvenience this may have caused by sending in the forms 3160-4 without the logs. To keep this from happening again in the future, we have placed the State on automatic distribution with our service companies. Should you require any additional information, please contact me at 281-874-3441.

Clawson Spring State: ***A2, A3, A4, B1, B2, B3, B5, B6, B7, B8, B9, C2, C3, D5, D6, D7, D8, E1, E2, E3, E4, E5, E6, E7, E8, G1, G2, IPA-1***
Potter Et Al 1
Potter Et Al 2

T16S R01E Sec09
43-015-30470

Sincerely,
ANADARKO PETROLEUM CORPORATION

Jennifer Berlin
Environmental Regulatory Analyst

Enclosures

RECEIVED
APR 24 2001
DIVISION OF
OIL, GAS AND MINING

Carol Daniels - Daily Report from Anadarko 04/08/2002

From: Sherri Prentice <sherri_prentice@anadarko.COM>
To: "'cdaniels@state.ut.us'" <cdaniels@state.ut.us>
Date: 04/08/2002 3:13 PM
Subject: Daily Report from Anadarko 04/08/2002

From: Belinda Lopez <belinda_lopez@anadarko.COM>
To: "'caroldaniels@utah.gov'" <caroldaniels@utah.gov>
Date: 10/21/03 7:06AM
Subject: Daily Report from Anadarko 10/21/2003

CLAWSON SPRING STATE E-5

DRUNKARDS WASH, 1217' FNL & 1978' FWL OF SEC. 7, T16S, R9E, EMERY, UTAH, AFE NONE, ETD 0', GLE 6682', (FERRON COAL), API 43-015-30470

10/21/2003 MD 3724', **LEFT WELL SHUT IN FOR 24 HRS**
STARTED WITH 2 DRUMS OF GYPTRON T-149 MIXED WITH 10 BBL'S OF PRODUCED WATER THEN CHASED WITH 270 BBL'S OF PRODUCED WATER. LEFT WELL SHUT IN FOR 24 HRS.,
CC $1,980

10/20/2003 **Data is not available at the time of transmission.**

10/19/2003 **WELL EVENT NOT STARTED.**

10/18/2003 **WELL EVENT NOT STARTED.**

10/17/2003 **WELL EVENT NOT STARTED.**

10/16/2003 **WELL EVENT NOT STARTED.**

10/15/2003 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE E-5

DRUNKARDS WASH, 1217' FNL & 1978' FWL OF SEC. 7, T16S, R9E, EMERY, UTAH, AFE NONE, ETD 0', GLE 6682', (FERRON COAL), API 43-015-30470

01/07/2005 MD 0', **PREP TO MOVE TO CLAWSON SPRINGS UTAH # 10-415**
MIRU, TRY TESTING TBG, POOH, CHG OUT ROD PUM, RIH W/ NEW PUMP, FILL & TEST TBG, START WELL PUMPING, RDMO,
CC $9,741

01/06/2005 **Data is not available at the time of transmission.**

01/05/2005 **WELL EVENT NOT STARTED.**

01/04/2005 **WELL EVENT NOT STARTED.**

01/03/2005 **WELL EVENT NOT STARTED.**

01/02/2005 **WELL EVENT NOT STARTED.**

01/01/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE E-5

DRUNKARDS WASH, 1217' FNL & 1978' FWL OF SEC. 7, T16S, R9E, EMERY, UTAH, AFE NONE, ETD 0', GLE 6682', (FERRON COAL), API 43-015-30470

08/12/2005 MD 3724', **CHEMICAL SQUEEZE; SHUT IN 24 HRS THEN RETURN TO PRODUCTION**
HELD SAFETY MEETING. SHUT PUMP OFF; CONNECT TO CASING VALVE. PUMPED 2 DRUMS OF GYPTRON FOLLOWED BY 135 BBL'S OF PRODUCED WATER. LEAVE WELL OFF 24 HRS THEN RETURN TO PRODUCTION. RDMO, CC $1,775

08/11/2005 **Data is not available at the time of transmission.**

08/10/2005 **WELL EVENT NOT STARTED.**

08/09/2005 **WELL EVENT NOT STARTED.**

08/08/2005 **WELL EVENT NOT STARTED.**

08/07/2005 **WELL EVENT NOT STARTED.**

08/06/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE E-5

DRUNKARDS WASH, 1217' FNL & 1978' FWL OF SEC. 7, T16S, R9E, EMERY, UTAH, AFE NONE, ETD 0', GLE 6682', (FERRON COAL), API 43-015-30470

04/21/2006 MD 0', **MIRU @ HELPER STATE # A-9**
CONTROL WELL, SET TA/C, FLUSH TBG, RIH W/ RODS & PUMP, FILL & TEST, RDMO,
CC $35,565

04/20/2006 MD 0', **PREP TO SET TA/C, RUN RODS**
CONTROL WELL, CONT CLEANING OUT, LOG TBG, MADE 2 MORE RUNS W/ C/O TOOLS, RUN PROD TBG, SDFD,
CC $31,063

04/19/2006 MD 0', **PREP TO LOG TBG, RUN NEW C/O TOOL**
MIRU, PRESS TEST, POOH W/ RODS, PULL TBG, RUN CLEAN OUT TOOLS, MADE 2 RUNS, SDFD,
CC $15,182

04/18/2006 **Data is not available at the time of transmission.**

04/17/2006 **WELL EVENT NOT STARTED.**

04/16/2006 **WELL EVENT NOT STARTED.**

04/15/2006 **WELL EVENT NOT STARTED.**

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **4/1/2013**

FROM: (Old Operator):	**TO:** (New Operator):
N0035-Anadarko Petroleum Corporation	N3940- Anadarko E&P Onshore LLC
PO Box 173779	PO Box 173779
Denver, CO, 80214	Denver, CO 802014
Phone: 1 (720) 929-6000	Phone: 1 (720) 929-6000

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/9/2013
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/9/2013
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 4/10/2013
4a. Is the new operator registered in the State of Utah: _____ Business Number: 593715-0161
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: 4/10/2013
5c. Reports current for Production/Disposition & Sundries on: 4/10/2013
6. **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: BLM 4/2/2013 BIA N/A
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** 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: 4/10/2013

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/11/2013
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/11/2013
3. Bond information entered in RBDMS on: 4/10/2013
4. Fee/State wells attached to bond in RBDMS on: 4/11/2013
5. Injection Projects to new operator in RBDMS on: 4/11/2013
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: WYB000291
2. Indian well(s) covered by Bond Number: N/A
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22013542
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** 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: 4/11/2013

COMMENTS:

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See Wells

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER CBM Wells

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

9. API NUMBER: See Wells

3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217

PHONE NUMBER: (720) 929-6000

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 4/8/2013	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

The operator is requesting authorization to transfer the wells from Anadarko Petroleum Corporation and Anadarko Production Company to Anadarko E&P Onshore, LLC. Please see the attached list of 181 wells that are currently filed under Anadarko Petroleum Corporation and Anadarko Production Company. The state/fee wells will be under bond number 22013542, and the federal wells will be under bond number WYB000291.

RECEIVED

Effective 4/1/13

APR 09 2013

Please contact the undersigned if there are any questions.

DIV. OF OIL, GAS & MINING

Jaime Scharnowske
Regulatory Analyst

Anadarko Petroleum Corporation N0035
P.O. Box 173779
Denver, CO 80214
(720) 929-6000

Jaime Scharnowske
Regulatory Analyst

Anadarko E&P Onshore, LLC N3940
P.O. Box 173779
Denver, CO 80214
(720) 929-6000

NAME (PLEASE PRINT) Jaime Scharnowske TITLE Regulatory Analyst

SIGNATURE Jaime Scharnowske DATE 4/8/2013

(This space for State use only)

APPROVED

APR 11 2013

DIV. OIL GAS & MINING

Rachel Medina

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

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)
Effective 1 April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER ST SWD 1	03	140S	100E	4300730361	12258	State	WD	A
FED F-2 SWD	08	140S	100E	4300730555	12557	Federal	WD	A
CLAWSON SPRING ST SWD 4	13	160S	080E	4301530477	12979	State	WD	A
CLAWSON SPRING ST SWD 1	36	150S	080E	4300730721	12832	State	WD	I
HELPER FED B-1	33	130S	100E	4300730189	11537	Federal	GW	P
HELPER FED A-1	23	130S	100E	4300730190	11517	Federal	GW	P
HELPER FED A-3	22	130S	100E	4300730213	11700	Federal	GW	P
HELPER FED C-1	22	130S	100E	4300730214	11702	Federal	GW	P
HELPER FED B-5	27	130S	100E	4300730215	11701	Federal	GW	P
HELPER FED A-2	22	130S	100E	4300730216	11699	Federal	GW	P
HELPER FED D-1	26	130S	100E	4300730286	12061	Federal	GW	P
BIRCH A-1	05	140S	100E	4300730348	12120	Fee	GW	P
HELPER ST A-1	03	140S	100E	4300730349	12122	State	GW	P
HELPER ST D-7	04	140S	100E	4300730350	12121	State	GW	P
CHUBBUCK A-1	31	130S	100E	4300730352	12397	Fee	GW	P
VEA A-1	32	130S	100E	4300730353	12381	Fee	GW	P
VEA A-2	32	130S	100E	4300730354	12483	Fee	GW	P
VEA A-3	32	130S	100E	4300730355	12398	Fee	GW	P
VEA A-4	32	130S	100E	4300730356	12482	Fee	GW	P
HELPER ST A-8	02	140S	100E	4300730357	12257	State	GW	P
HELPER ST A-3	02	140S	100E	4300730358	12254	State	GW	P
HELPER ST A-4	02	140S	100E	4300730359	12255	State	GW	P
HELPER ST A-7	02	140S	100E	4300730360	12256	State	GW	P
HELPER ST A-2	03	140S	100E	4300730362	12232	State	GW	P
HELPER ST A-5	03	140S	100E	4300730363	12231	State	GW	P
HELPER ST A-6	03	140S	100E	4300730364	12233	State	GW	P
HELPER ST D-4	04	140S	100E	4300730365	12228	State	GW	P
HELPER ST D-3	05	140S	100E	4300730366	12184	State	GW	P
HELPER ST D-5	04	140S	100E	4300730367	12226	State	GW	P
HELPER ST D-8	04	140S	100E	4300730368	12229	State	GW	P
HELPER ST D-2	05	140S	100E	4300730369	12481	State	GW	P
HELPER ST D-6	05	140S	100E	4300730370	12234	State	GW	P
HELPER ST D-1	06	140S	100E	4300730371	12399	State	GW	P
BIRCH A-2	08	140S	100E	4300730372	12189	Fee	GW	P
HELPER ST A-9	10	140S	100E	4300730373	12230	State	GW	P
HELPER ST B-1	09	140S	100E	4300730376	12227	State	GW	P
HELPER FED F-3	08	140S	100E	4300730378	12252	Federal	GW	P
HELPER FED F-4	09	140S	100E	4300730379	12253	Federal	GW	P
HELPER ST A-10	10	140S	100E	4300730433	12488	State	GW	P
HELPER ST A-11	11	140S	100E	4300730434	12487	State	GW	P
HELPER ST A-12	10	140S	100E	4300730435	12486	State	GW	P
HELPER ST A-13	10	140S	100E	4300730436	12485	State	GW	P
HELPER ST B-2	09	140S	100E	4300730437	12484	State	GW	P
HELPER FED E-7	19	130S	100E	4300730508	13623	Federal	GW	P
HELPER FED B-2	33	130S	100E	4300730530	12619	Federal	GW	P
HELPER FED B-3	33	130S	100E	4300730531	12622	Federal	GW	P
HELPER FED B-4	33	130S	100E	4300730532	12623	Federal	GW	P
HELPER FED B-6	27	130S	100E	4300730533	12644	Federal	GW	P
HELPER FED B-7	27	130S	100E	4300730534	12645	Federal	GW	P
HELPER FED B-8	27	130S	100E	4300730535	12631	Federal	GW	P

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)
Effective1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER FED B-9	34	130S	100E	4300730536	12646	Federal	GW	P
HELPER FED B-10	34	130S	100E	4300730537	12626	Federal	GW	P
HELPER FED B-11	34	130S	100E	4300730538	12628	Federal	GW	P
HELPER FED B-12	34	130S	100E	4300730539	12627	Federal	GW	P
HELPER FED B-13	28	130S	100E	4300730540	12621	Federal	GW	P
HELPER FED B-14	28	130S	100E	4300730541	12620	Federal	GW	P
HELPER FED D-2	26	130S	100E	4300730542	12650	Federal	GW	P
HELPER FED D-3	26	130S	100E	4300730543	12634	Federal	GW	P
HELPER FED D-4	35	130S	100E	4300730544	12625	Federal	GW	P
HELPER FED D-5	35	130S	100E	4300730545	12637	Federal	GW	P
HELPER FED D-6	35	130S	100E	4300730546	12635	Federal	GW	P
HELPER FED E-1	29	130S	100E	4300730547	13246	Federal	GW	P
HELPER FED E-2	29	130S	100E	4300730548	12636	Federal	GW	P
HELPER FED H-1	01	140S	100E	4300730549	12653	Federal	GW	P
HELPER FED H-2	01	140S	100E	4300730550	12647	Federal	GW	P
OLIVETO FED A-2	08	140S	100E	4300730556	12630	Federal	GW	P
HELPER FED F-1	08	140S	100E	4300730557	12629	Federal	GW	P
SMITH FED A-1	09	140S	100E	4300730558	13004	Federal	GW	P
SE INVESTMENTS A-1	06	140S	100E	4300730570	12624	Fee	GW	P
HELPER ST A-14	11	140S	100E	4300730571	12612	State	GW	P
HELPER ST A-15	11	140S	100E	4300730572	12613	State	GW	P
HELPER ST E-1	36	130S	100E	4300730573	12615	State	GW	P
HELPER ST E-2	36	130S	100E	4300730574	12614	State	GW	P
HARMOND A-1	07	140S	100E	4300730586	12616	Fee	GW	P
HELPER ST E-3	36	130S	100E	4300730592	12868	State	GW	P
HELPER FED A-6	23	130S	100E	4300730593	12649	Federal	GW	P
HELPER FED D-7	26	130S	100E	4300730594	12651	Federal	GW	P
HELPER FED D-8	35	130S	100E	4300730595	12652	Federal	GW	P
CLAWSON SPRING ST A-1	36	150S	080E	4300730597	12618	State	GW	P
HELPER ST E-4	36	130S	100E	4300730598	12825	State	GW	P
HELPER ST A-16	11	140S	100E	4300730603	12638	State	GW	P
CHUBBUCK A-2	06	140S	100E	4300730604	12648	Fee	GW	P
CLAWSON SPRING ST A-2	36	150S	080E	4300730635	12856	State	GW	P
CLAWSON SPRING ST A-3	36	150S	080E	4300730636	13001	State	GW	P
CLAWSON SPRING ST A-4	36	150S	080E	4300730637	12844	State	GW	P
CLAWSON SPRING ST D-5	31	150S	090E	4300730642	12852	State	GW	P
CLAWSON SPRING ST D-6	31	150S	090E	4300730643	12847	State	GW	P
CLAWSON SPRING ST D-7	31	150S	090E	4300730644	12849	State	GW	P
HELPER FED A-5	23	130S	100E	4300730677	13010	Federal	GW	P
HELPER FED A-7	22	130S	100E	4300730678	13346	Federal	GW	P
HELPER FED B-15	28	130S	100E	4300730679	13015	Federal	GW	P
HELPER FED B-16	28	130S	100E	4300730680	13203	Federal	GW	P
HELPER FED C-2	24	130S	100E	4300730681	13016	Federal	GW	P
HELPER FED C-4	24	130S	100E	4300730682	13012	Federal	GW	P
HELPER FED C-7	21	130S	100E	4300730684	13204	Federal	GW	P
HELPER FED D-9	25	130S	100E	4300730685	13245	Federal	GW	P
HELPER FED D-10	25	130S	100E	4300730686	12993	Federal	GW	P
HELPER FED D-11	25	130S	100E	4300730687	12992	Federal	GW	P
HELPER FED D-12	25	130S	100E	4300730688	13005	Federal	GW	P
HELPER FED E-4	29	130S	100E	4300730689	13229	Federal	GW	P

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)
Effective1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER FED A-4	23	130S	100E	4300730692	13009	Federal	GW	P
HELPER FED C-5	24	130S	100E	4300730693	13013	Federal	GW	P
HELPER FED G-1	30	130S	110E	4300730694	13006	Federal	GW	P
HELPER FED G-2	30	130S	110E	4300730695	13007	Federal	GW	P
HELPER FED G-3	31	130S	110E	4300730696	13002	Federal	GW	P
HELPER FED G-4	31	130S	110E	4300730697	13003	Federal	GW	P
HELPER FED H-3	01	140S	100E	4300730698	12831	Federal	GW	P
HELPER FED H-4	01	140S	100E	4300730699	12833	Federal	GW	P
CLAWSON SPRING ST D-8	31	150S	090E	4300730701	12851	State	GW	P
HELPER FED C-3	24	130S	100E	4300730702	13011	Federal	GW	P
CLAWSON SPRING ST J-1	35	150S	080E	4300730726	13299	Fee	GW	P
PIERUCCI 1	35	150S	080E	4300730727	13325	Fee	GW	P
POTTER ETAL 1	35	150S	080E	4300730728	12958	Fee	GW	P
POTTER ETAL 2	35	150S	080E	4300730737	12959	Fee	GW	P
HELPER FED G-5	30	130S	110E	4300730770	13655	Federal	GW	P
HELPER FED G-6	30	130S	110E	4300730771	13656	Federal	GW	P
HELPER FED G-7	31	130S	110E	4300730772	13657	Federal	GW	P
HELPER FED G-8	31	130S	110E	4300730773	13658	Federal	GW	P
GOODALL A-1	06	140S	110E	4300730774	13348	Fee	GW	P
HELPER FED E-8	19	130S	100E	4300730776	13624	Federal	GW	P
HAUSKNECHT A-1	21	130S	100E	4300730781	13347	Fee	GW	P
HELPER FED E-9	19	130S	100E	4300730868	13628	Federal	GW	P
HELPER FED E-5	20	130S	100E	4300730869	13625	Federal	GW	P
HELPER FED E-6	20	130S	100E	4300730870	13631	Federal	GW	P
HELPER FED E-10	30	130S	100E	4300730871	13629	Federal	GW	P
SACCOMANNO A-1	30	130S	100E	4300730872	13622	Fee	GW	P
HELPER FED E-11	30	130S	100E	4300730873	13630	Federal	GW	P
BLACKHAWK A-2	29	130S	100E	4300730886	13783	Fee	GW	P
BLACKHAWK A-3	20	130S	100E	4300730914	13794	Fee	GW	P
BLACKHAWK A-4	21	130S	100E	4300730915	13795	Fee	GW	P
BLACKHAWK A-1X	20	130S	100E	4300730923	13798	Fee	GW	P
HELPER STATE 12-3	03	140S	100E	4300750070	17824	State	GW	P
HELPER STATE 32-3	03	140S	100E	4300750071	17827	State	GW	P
HELPER STATE 32-36	36	130S	100E	4300750072	17825	State	GW	P
VEA 32-32	32	130S	100E	4300750075	17826	Fee	GW	P
CLAWSON SPRING ST E-7	07	160S	090E	4301530392	12960	State	GW	P
CLAWSON SPRING ST E-8	07	160S	090E	4301530394	12964	State	GW	P
CLAWSON SPRING ST E-3	06	160S	090E	4301530403	12965	State	GW	P
CLAWSON SPRING ST E-1	06	160S	090E	4301530404	12966	State	GW	P
CLAWSON SPRING ST E-2	06	160S	090E	4301530405	12961	State	GW	P
CLAWSON SPRING ST E-4	06	160S	090E	4301530406	12962	State	GW	P
CLAWSON SPRING ST C-1	12	160S	080E	4301530410	12617	State	GW	P
CLAWSON SPRING ST B-1	01	160S	080E	4301530427	12845	State	GW	P
CLAWSON SPRING ST B-2	01	160S	080E	4301530428	12846	State	GW	P
CLAWSON SPRING ST B-3	01	160S	080E	4301530429	12848	State	GW	P
CLAWSON SPRING ST B-4	01	160S	080E	4301530430	12854	State	GW	P
CLAWSON SPRING ST B-5	12	160S	080E	4301530431	12963	State	GW	P
CLAWSON SPRING ST B-8	11	160S	080E	4301530432	12863	State	GW	P
CLAWSON SPRING ST B-9	11	160S	080E	4301530433	12864	State	GW	P
CLAWSON SPRING ST C-2	12	160S	080E	4301530434	12850	State	GW	P

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)
Effective1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
CLAWSON SPRING ST C-4	14	160S	080E	4301530435	13199	State	GW	P
CLAWSON SPRING ST B-7	11	160S	080E	4301530460	12967	State	GW	P
CLAWSON SPRING ST C-6	14	160S	080E	4301530461	13355	State	GW	P
CLAWSON SPRING ST C-3	12	160S	080E	4301530463	12968	State	GW	P
CLAWSON SPRING ST B-6	11	160S	080E	4301530465	12969	State	GW	P
CLAWSON SPRING ST H-1	13	160S	080E	4301530466	13323	State	GW	P
CLAWSON SPRING ST H-2	13	160S	080E	4301530467	12955	State	GW	P
CLAWSON SPRING ST IPA-1	10	160S	080E	4301530468	12956	Fee	GW	P
CLAWSON SPRING ST IPA-2	15	160S	080E	4301530469	13200	Fee	GW	P
CLAWSON SPRING ST E-5	07	160S	090E	4301530470	12971	State	GW	P
CLAWSON SPRING ST G-1	02	160S	080E	4301530471	13014	State	GW	P
CLAWSON SPRING ST F-2	03	160S	080E	4301530472	13282	State	GW	P
CLAWSON SPRING ST F-1	03	160S	080E	4301530473	13278	State	GW	P
CLAWSON SPRING ST E-6	07	160S	090E	4301530474	13052	State	GW	P
CLAWSON SPRING ST G-2	02	160S	080E	4301530475	12957	State	GW	P
CLAWSON SPRING ST M-1	02	160S	080E	4301530488	13201	State	GW	P
CLAWSON SPRING ST K-1	02	160S	080E	4301530489	13202	State	GW	P
SHIMMIN TRUST 3	14	120S	100E	4300730119	11096	Fee	GW	PA
SHIMMIN TRUST 1	11	120S	100E	4300730120	11096	Fee	GW	PA
SHIMMIN TRUST 2	14	120S	100E	4300730121	11096	Fee	GW	PA
SHIMMIN TRUST 4	11	120S	100E	4300730123	11096	Fee	GW	PA
ST 9-16	16	120S	100E	4300730132	11402	State	GW	PA
ST 2-16	16	120S	100E	4300730133	11399	State	GW	PA
MATTS SUMMIT ST A-1	14	120S	090E	4300730141	11273	State	GW	PA
SLEMAKER A-1	05	120S	120E	4300730158	11441	Fee	GW	PA
JENSEN 16-10	10	120S	100E	4300730161	11403	Fee	GW	PA
JENSEN 7-15	15	120S	100E	4300730165	11407	Fee	GW	PA
SHIMMIN TRUST 12-12	12	120S	100E	4300730168	11420	Fee	GW	PA
JENSEN 11-15	15	120S	100E	4300730175	11425	Fee	GW	PA
BRYNER A-1	11	120S	120E	4300730188	11503	Fee	GW	PA
BRYNER A-1X (RIG SKID)	11	120S	120E	4300730209	11503	Fee	GW	PA
BLACKHAWK A-1	20	130S	100E	4300730885	13798	Fee	D	PA
BLACKHAWK A-5H	20	130S	100E	4300731402	17029	Fee	D	PA
CLAWSON SPRING ST SWD 3	06	160S	090E	4301530476	12978	State	D	PA
HELPER FED C-6	21	130S	100E	4300730683	13008	Federal	GW	S
UTAH 10-415	10	160S	080E	4301530391	12632	State	GW	TA

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
1	4300730189	HELPER FED B-1	NESW	33	13S	10E	Federal	USA UTU 71392	Producing
2	4300730190	HELPER FED A-1	C-SW	23	13S	10E	Federal	USA UTU 58434	Producing
3	4300730213	HELPER FED A-3	SESE	22	13S	10E	Federal	USA UTU 58434	Producing
4	4300730214	HELPER FED C-1	SENE	22	13S	10E	Federal	USA UTU 71391	Producing
5	4300730215	HELPER FED B-5	NENE	27	13S	10E	Federal	USA UTU 71392	Producing
6	4300730216	HELPER FED A-2	NESW	22	13S	10E	Federal	USA UTU 58434	Producing
7	4300730286	HELPER FED D-1	SWNE	26	13S	10E	Federal	USA UTU 68315	Producing
8	4300730378	HELPER FED F-3	NENE	8	14S	10E	Federal	USA UTU 65762	Producing
9	4300730379	HELPER FED F-4	NWNW	9	14S	10E	Federal	USA UTU 65762	Producing
10	4300730508	HELPER FED E-7	SESE	19	13S	10E	Federal	USA UTU 77980	Producing
11	4300730530	HELPER FED B-2	SENW	33	13S	10E	Federal	USA UTU 71392	Producing
12	4300730531	HELPER FED B-3	NESE	33	13S	10E	Federal	USA UTU 71392	Producing
13	4300730532	HELPER FED B-4	NENE	33	13S	10E	Federal	USA UTU 71392	Producing
14	4300730533	HELPER FED B-6	NENW	27	13S	10E	Federal	USA UTU 71392	Producing
15	4300730534	HELPER FED B-7	NESW	27	13S	10E	Federal	USA UTU 71392	Producing
16	4300730535	HELPER FED B-8	SESE	27	13S	10E	Federal	USA UTU 71392	Producing
17	4300730536	HELPER FED B-9	SENW	34	13S	10E	Federal	USA UTU 71392	Producing
18	4300730537	HELPER FED B-10	NWNE	34	13S	10E	Federal	USA UTU 71392	Producing
19	4300730538	HELPER FED B-11	SESW	34	13S	10E	Federal	USA UTU 71392	Producing
20	4300730539	HELPER FED B-12	NESE	34	13S	10E	Federal	USA UTU 71392	Producing
21	4300730540	HELPER FED B-13	SWSE	28	13S	10E	Federal	USA UTU 71392	Producing
22	4300730541	HELPER FED B-14	SWSW	28	13S	10E	Federal	USA UTU 71392	Producing
23	4300730542	HELPER FED D-2	SWNW	26	13S	10E	Federal	USA UTU 68315	Producing
24	4300730543	HELPER FED D-3	SESW	26	13S	10E	Federal	USA UTU 68315	Producing
25	4300730544	HELPER FED D-4	NWNW	35	13S	10E	Federal	USA UTU 68315	Producing
26	4300730545	HELPER FED D-5	SESW	35	13S	10E	Federal	USA UTU 68315	Producing
27	4300730546	HELPER FED D-6	NWSE	35	13S	10E	Federal	USA UTU 68315	Producing
28	4300730547	HELPER FED E-1	NESE	29	13S	10E	Federal	USA UTU 71675	Producing
29	4300730548	HELPER FED E-2	SESW	29	13S	10E	Federal	USA UTU 71675	Producing
30	4300730549	HELPER FED H-1	NENW	1	14S	10E	Federal	USA UTU 72352	Producing
31	4300730550	HELPER FED H-2	SESW	1	14S	10E	Federal	USA UTU 72352	Producing
32	4300730556	OLIVETO FED A-2	NESW	8	14S	10E	Federal	USA UTU 65762	Producing
33	4300730557	HELPER FED F-1	SESE	8	14S	10E	Federal	USA UTU 65762	Producing
34	4300730558	SMITH FED A-1	NWSW	9	14S	10E	Federal	USA UTU 65762	Producing
35	4300730593	HELPER FED A-6	SESE	23	13S	10E	Federal	USA UTU 58434	Producing
36	4300730594	HELPER FED D-7	C-SE	26	13S	10E	Federal	USA UTU 68315	Producing
37	4300730595	HELPER FED D-8	NENE	35	13S	10E	Federal	USA UTU 68315	Producing
38	4300730677	HELPER FED A-5	NENE	23	13S	10E	Federal	USA UTU 58434	Producing
39	4300730678	HELPER FED A-7	SENW	22	13S	10E	Federal	USA UTU 58434	Producing
40	4300730679	HELPER FED B-15	SENE	28	13S	10E	Federal	USA UTU 71392	Producing
41	4300730680	HELPER FED B-16	SWNW	28	13S	10E	Federal	USA UTU 71392	Producing
42	4300730681	HELPER FED C-2	NENW	24	13S	10E	Federal	USA UTU 71391	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
43	4300730682	HELPER FED C-4	NWSW	24	13S	10E	Federal	USA UTU 71391	Producing
44	4300730683	HELPER FED C-6	SWSE	21	13S	10E	Federal	USA UTU 71391	Shut-In
45	4300730684	HELPER FED C-7	SESW	21	13S	10E	Federal	USA UTU 71391	Producing
46	4300730685	HELPER FED D-9	NWNW	25	13S	10E	Federal	USA UTU 68315	Producing
47	4300730686	HELPER FED D-10	SENE	25	13S	10E	Federal	USA UTU 68315	Producing
48	4300730687	HELPER FED D-11	SESW	25	13S	10E	Federal	USA UTU 68315	Producing
49	4300730688	HELPER FED D-12	SESE	25	13S	10E	Federal	USA UTU 68315	Producing
50	4300730689	HELPER FED E-4	NWNE	29	13S	10E	Federal	USA UTU 71675	Producing
51	4300730692	HELPER FED A-4	SWNW	23	13S	10E	Federal	USA UTU 58434	Producing
52	4300730693	HELPER FED C-5	SWNE	24	13S	10E	Federal	USA UTU 71391	Producing
53	4300730694	HELPER FED G-1	C-NW	30	13S	11E	Federal	USA UTU 71677	Producing
54	4300730695	HELPER FED G-2	SWSW	30	13S	11E	Federal	USA UTU 71677	Producing
55	4300730696	HELPER FED G-3	SENW	31	13S	11E	Federal	USA UTU 71677	Producing
56	4300730697	HELPER FED G-4	SESW	31	13S	11E	Federal	USA UTU 71677	Producing
57	4300730698	HELPER FED H-3	SWNE	1	14S	10E	Federal	USA UTU 72352	Producing
58	4300730699	HELPER FED H-4	NESE	1	14S	10E	Federal	USA UTU 72352	Producing
59	4300730702	HELPER FED C-3	SESW	24	13S	10E	Federal	USA UTU 71391	Producing
60	4300730770	HELPER FED G-5	SWNE	30	13S	11E	Federal	USA UTU 71677	Producing
61	4300730771	HELPER FED G-6	SWSE	30	13S	11E	Federal	USA UTU 71677	Producing
62	4300730772	HELPER FED G-7	NWNE	31	13S	11E	Federal	USA UTU 71677	Producing
63	4300730773	HELPER FED G-8	NESE	31	13S	11E	Federal	USA UTU 71677	Producing
64	4300730776	HELPER FED E-8	SENE	19	13S	10E	Federal	USA UTU 77980	Producing
65	4300730868	HELPER FED E-9	SESW	19	13S	10E	Federal	USA UTU 77980	Producing
66	4300730869	HELPER FED E-5	SWSW	20	13S	10E	Federal	USA UTU 71675	Producing
67	4300730870	HELPER FED E-6	SWNW	20	13S	10E	Federal	USA UTU 71675	Producing
68	4300730871	HELPER FED E-10	NENW	30	13S	10E	Federal	USA UTU 71675	Producing
69	4300730873	HELPER FED E-11	NWNE	30	13S	10E	Federal	USA UTU 71675	Producing
70	4300730119	SHIMMIN TRUST 3	SENW	14	12S	10E	Fee (Private)		Plugged and Abandoned
71	4300730120	SHIMMIN TRUST 1	SESE	11	12S	10E	Fee (Private)		Plugged and Abandoned
72	4300730121	SHIMMIN TRUST 2	SENE	14	12S	10E	Fee (Private)		Plugged and Abandoned
73	4300730123	SHIMMIN TRUST 4	SESW	11	12S	10E	Fee (Private)		Plugged and Abandoned
74	4300730158	SLEMAKER A-1	SWNE	5	12S	12E	Fee (Private)		Plugged and Abandoned
75	4300730161	JENSEN 16-10	SESE	10	12S	10E	Fee (Private)		Plugged and Abandoned
76	4300730165	JENSEN 7-15	SWNE	15	12S	10E	Fee (Private)		Plugged and Abandoned
77	4300730168	SHIMMIN TRUST 12-12	NWSW	12	12S	10E	Fee (Private)		Plugged and Abandoned
78	4300730175	JENSEN 11-15	NESW	15	12S	10E	Fee (Private)		Plugged and Abandoned
79	4300730188	BRYNER A-1	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
80	4300730209	BRYNER A-1X (RIG SKID)	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
81	4300730348	BIRCH A-1	NWSW	5	14S	10E	Fee (Private)		Producing
82	4300730352	CHUBBUCK A-1	NESE	31	13S	10E	Fee (Private)		Producing
83	4300730353	VEA A-1	SWNW	32	13S	10E	Fee (Private)		Producing
84	4300730354	VEA A-2	NENE	32	13S	10E	Fee (Private)		Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
85	4300730355	VEA A-3	SESW	32	13S	10E	Fee (Private)		Producing
86	4300730356	VEA A-4	NWSE	32	13S	10E	Fee (Private)		Producing
87	4300730372	BIRCH A-2	NWNW	8	14S	10E	Fee (Private)		Producing
88	4300730570	SE INVESTMENTS A-1	NESE	6	14S	10E	Fee (Private)		Producing
89	4300730586	HARMOND A-1	SENE	7	14S	10E	Fee (Private)		Producing
90	4300730604	CHUBBUCK A-2	SENW	6	14S	10E	Fee (Private)		Producing
91	4300730726	CLAWSON SPRING ST J-1	SESW	35	15S	8E	Fee (Private)		Producing
92	4300730727	PIERUCCI 1	SENW	35	15S	8E	Fee (Private)		Producing
93	4300730728	POTTER ETAL 1	SWNE	35	15S	8E	Fee (Private)		Producing
94	4300730737	POTTER ETAL 2	NESE	35	15S	8E	Fee (Private)		Producing
95	4300730774	GOODALL A-1	NWSW	6	14S	11E	Fee (Private)		Producing
96	4300730781	HAUSKNECHT A-1	SWNW	21	13S	10E	Fee (Private)		Producing
97	4300730872	SACCOMANNO A-1	NESE	30	13S	10E	Fee (Private)		Producing
98	4300730885	BLACKHAWK A-1	SESE	20	13S	10E	Fee (Private)		Plugged and Abandoned
99	4300730886	BLACKHAWK A-2	NWNW	29	13S	10E	Fee (Private)		Producing
100	4300730914	BLACKHAWK A-3	SENE	20	13S	10E	Fee (Private)		Producing
101	4300730915	BLACKHAWK A-4	NENE	21	13S	10E	Fee (Private)		Producing
102	4300730923	BLACKHAWK A-1X	SESE	20	13S	10E	Fee (Private)		Producing
103	4300731402	BLACKHAWK A-5H	NENE	20	13S	10E	Fee (Private)		Plugged and Abandoned
104	4300750075	VEA 32-32	SWNE	32	13S	10E	Fee (Private)		Producing
105	4301530468	CLAWSON SPRING ST IPA-1	SESE	10	16S	8E	Fee (Private)		Producing
106	4301530469	CLAWSON SPRING ST IPA-2	NENE	15	16S	8E	Fee (Private)		Producing
107	4300730132	ST 9-16	NESE	16	12S	10E	State	ML-44443	Plugged and Abandoned
108	4300730133	ST 2-16	NWNE	16	12S	10E	State	ML-44443	Plugged and Abandoned
109	4300730141	MATTS SUMMIT ST A-1	NWNW	14	12S	9E	State	ML-44496	Plugged and Abandoned
110	4300730349	HELPER ST A-1	SENW	3	14S	10E	State	ST UT ML 45805	Producing
111	4300730350	HELPER ST D-7	NWSW	4	14S	10E	State	ST UT ML 45804	Producing
112	4300730357	HELPER ST A-8	NWSE	2	14S	10E	State	ST UT ML 45805	Producing
113	4300730358	HELPER ST A-3	NWNW	2	14S	10E	State	ST UT ML 45805	Producing
114	4300730359	HELPER ST A-4	NWNE	2	14S	10E	State	ST UT ML 45805	Producing
115	4300730360	HELPER ST A-7	NESW	2	14S	10E	State	ST UT ML 45805	Producing
116	4300730362	HELPER ST A-2	NENE	3	14S	10E	State	ST UT ML 45805	Producing
117	4300730363	HELPER ST A-5	NESW	3	14S	10E	State	ST UT ML 45805	Producing
118	4300730364	HELPER ST A-6	NESE	3	14S	10E	State	ST UT ML 45805	Producing
119	4300730365	HELPER ST D-4	SWNW	4	14S	10E	State	ST UT ML 45804	Producing
120	4300730366	HELPER ST D-3	NENE	5	14S	10E	State	ST UT ML 45804	Producing
121	4300730367	HELPER ST D-5	NWNE	4	14S	10E	State	ST UT ML 45804	Producing
122	4300730368	HELPER ST D-8	SESE	4	14S	10E	State	ST UT ML 45804	Producing
123	4300730369	HELPER ST D-2	NENW	5	14S	10E	State	ST UT ML 45804	Producing
124	4300730370	HELPER ST D-6	SESE	5	14S	10E	State	ST UT ML 45804	Producing
125	4300730371	HELPER ST D-1	NENE	6	14S	10E	State	ST UT ML 45804	Producing
126	4300730373	HELPER ST A-9	SENW	10	14S	10E	State	ST UT ML 45805	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
127	4300730376	HELPER ST B-1	SWNE	9	14S	10E	State	ST UT ML 47556	Producing
128	4300730433	HELPER ST A-10	NWNE	10	14S	10E	State	ST UT ML 45805	Producing
129	4300730434	HELPER ST A-11	SWNW	11	14S	10E	State	ST UT ML 45805	Producing
130	4300730435	HELPER ST A-12	NWSW	10	14S	10E	State	ST UT ML 45805	Producing
131	4300730436	HELPER ST A-13	NESE	10	14S	10E	State	ST UT ML 45805	Producing
132	4300730437	HELPER ST B-2	NESE	9	14S	10E	State	ST UT ML 47556	Producing
133	4300730571	HELPER ST A-14	SESW	11	14S	10E	State	ST UT ML 45805	Producing
134	4300730572	HELPER ST A-15	SENE	11	14S	10E	State	ST UT ML 45805	Producing
135	4300730573	HELPER ST E-1	SESW	36	13S	10E	State	ST UT ML 45802	Producing
136	4300730574	HELPER ST E-2	SWNW	36	13S	10E	State	ST UT ML 45802	Producing
137	4300730592	HELPER ST E-3	NENE	36	13S	10E	State	ST UT ML 45802	Producing
138	4300730597	CLAWSON SPRING ST A-1	SWSE	36	15S	8E	State	ST UT ML 46106	Producing
139	4300730598	HELPER ST E-4	SWSE	36	13S	10E	State	ST UT ML 45802	Producing
140	4300730603	HELPER ST A-16	SWSE	11	14S	10E	State	ST UT ML 45805	Producing
141	4300730635	CLAWSON SPRING ST A-2	NWNW	36	15S	8E	State	ST UT ML 46106	Producing
142	4300730636	CLAWSON SPRING ST A-3	NESW	36	15S	8E	State	ST UT ML 46106	Producing
143	4300730637	CLAWSON SPRING ST A-4	NWNE	36	15S	8E	State	ST UT ML 46106	Producing
144	4300730642	CLAWSON SPRING ST D-5	NENW	31	15S	9E	State	ML-48226	Producing
145	4300730643	CLAWSON SPRING ST D-6	SWSW	31	15S	9E	State	ML-48226	Producing
146	4300730644	CLAWSON SPRING ST D-7	NWNE	31	15S	9E	State	ML-48226	Producing
147	4300730701	CLAWSON SPRING ST D-8	NWSE	31	15S	9E	State	ML-48226	Producing
148	4300750070	HELPER STATE 12-3	SWNW	3	14S	10E	State	ST UT ML 45805	Producing
149	4300750071	HELPER STATE 32-3	SWNE	3	14S	10E	State	ST UT ML 45805	Producing
150	4300750072	HELPER STATE 32-36	SWNE	36	13S	10E	State	ST UT ML 45802	Producing
151	4301530391	UTAH 10-415	NENE	10	16S	8E	State	ST UT ML 48189	Temporarily-Abandoned
152	4301530392	CLAWSON SPRING ST E-7	SENE	7	16S	9E	State	ST UT ML 48220-A	Producing
153	4301530394	CLAWSON SPRING ST E-8	SWSE	7	16S	9E	State	ST UT ML 48220-A	Producing
154	4301530403	CLAWSON SPRING ST E-3	SENE	6	16S	9E	State	ST UT ML 48220-A	Producing
155	4301530404	CLAWSON SPRING ST E-1	SENW	6	16S	9E	State	ST UT ML 48220-A	Producing
156	4301530405	CLAWSON SPRING ST E-2	NESW	6	16S	9E	State	ST UT ML 48220-A	Producing
157	4301530406	CLAWSON SPRING ST E-4	NWSE	6	16S	9E	State	ST UT ML 48220-A	Producing
158	4301530410	CLAWSON SPRING ST C-1	SWNW	12	16S	8E	State	ST UT UO 48209	Producing
159	4301530427	CLAWSON SPRING ST B-1	NENW	1	16S	8E	State	ST UT ML 48216	Producing
160	4301530428	CLAWSON SPRING ST B-2	NWSW	1	16S	8E	State	ST UT ML 48216	Producing
161	4301530429	CLAWSON SPRING ST B-3	NWNE	1	16S	8E	State	ST UT ML 48216	Producing
162	4301530430	CLAWSON SPRING ST B-4	SESE	1	16S	8E	State	ST UT ML 48216	Producing
163	4301530431	CLAWSON SPRING ST B-5	SWSW	12	16S	8E	State	ST UT ML 48216	Producing
164	4301530432	CLAWSON SPRING ST B-8	SENE	11	16S	8E	State	ST UT ML 48216	Producing
165	4301530433	CLAWSON SPRING ST B-9	NWSE	11	16S	8E	State	ST UT ML 48216	Producing
166	4301530434	CLAWSON SPRING ST C-2	SENE	12	16S	8E	State	ST UT UO 48209	Producing
167	4301530435	CLAWSON SPRING ST C-4	SWNW	14	16S	8E	State	ST UT UO 48209	Producing
168	4301530460	CLAWSON SPRING ST B-7	NWSW	11	16S	8E	State	ST UT ML 48216	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
169	4301530461	CLAWSON SPRING ST C-6	SENE	14	16S	8E	State	ST UT UO 48209	Producing
170	4301530463	CLAWSON SPRING ST C-3	C-SE	12	16S	8E	State	ST UT UO 48209	Producing
171	4301530465	CLAWSON SPRING ST B-6	NENW	11	16S	8E	State	ST UT ML 48216	Producing
172	4301530466	CLAWSON SPRING ST H-1	NENW	13	16S	8E	State	ST UT ML 48217-A	Producing
173	4301530467	CLAWSON SPRING ST H-2	NENE	13	16S	8E	State	ST UT ML 48217-A	Producing
174	4301530470	CLAWSON SPRING ST E-5	NENW	7	16S	9E	State	ST UT ML 48220-A	Producing
175	4301530471	CLAWSON SPRING ST G-1	NWNW	2	16S	8E	State	ST UT ML 46314	Producing
176	4301530472	CLAWSON SPRING ST F-2	NESE	3	16S	8E	State	ST UT ML 48515	Producing
177	4301530473	CLAWSON SPRING ST F-1	SENE	3	16S	8E	State	ST UT ML 48514	Producing
178	4301530474	CLAWSON SPRING ST E-6	SESW	7	16S	9E	State	ST UT ML 48220-A	Producing
179	4301530475	CLAWSON SPRING ST G-2	NESW	2	16S	8E	State	ST UT ML 46314	Producing
180	4301530488	CLAWSON SPRING ST M-1	NWNE	2	16S	8E	State	ST UT ML 47561	Producing
181	4301530489	CLAWSON SPRING ST K-1	SESE	2	16S	8E	State	ST UT ML 46043	Producing