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

Anadarko

December 20, 1999

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 Miller Creek wells in Carbon and Emery Counties.

State A-2, A-3, A-4
State B-1, B-2, B-3, B-4, B-5, B-8, B-9
State C-2, C-4, C-5, C-13, C-14, C-15, C-16, C-17, C-18, C-20
State D-1, D-2, D-3, D-4, D-5, D-6, D-7

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

Sincerely,

Judy Davidson
Regulatory Analyst

RECEIVED
DEC 21 1999
DIVISION OF OIL, GAS & MINING

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] OTHER - COALBED METHANE SINGLE ZONE [ ] MULTIPLE ZONE [ ]

5. LEASE DESIGNATION AND SERIAL NO.: ML-48216

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 ~~Miller Creek~~ State B-3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1375 FNL 1380 FEL, NE Section 1, T16S R8E
At proposed prod. zone: 1375 FNL 1380 FEL, NE Section 1, T16S R8E

4368280 N
502573 E

CONFIDENTIAL

9. API WELL NO.:

10. FIELD AND POOL OR WILDCAT: Miller Creek CBM

11. SEC. T,R,M, OR BLK. AND SURVEY OR AREA: Section 1, T16S R8E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 19 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): 1375'

16. NO. OF ACRES IN LEASE: 1388'

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.: 2100'

19. PROPOSED DEPTH: 4152'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF. RT. GR. etc.): 6982' GL

22. APPROX. DATE WORK WILL START: April 16 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" N80	17#	4152	300 cu. ft.

Attached is the following:
1. Survey Plat
2. Drilling Plan with BOP Schematic, Figure 1-1
3. Topo & Access Map & Area Map
4. Pit & Pad Layout with cross sections of pit, pad, and rig layout.

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

Water Source: City of Price

Utah Oil & Gas Lease Bond 224351 (expiration date 06-30-2000)
Utah Bond of Lessee 203521

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DEC 21 1999
DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE, 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.

24. SIGNED: Judy Davidson TITLE: Judy Davidson, Regulatory Analyst DATE: 12/20/1999

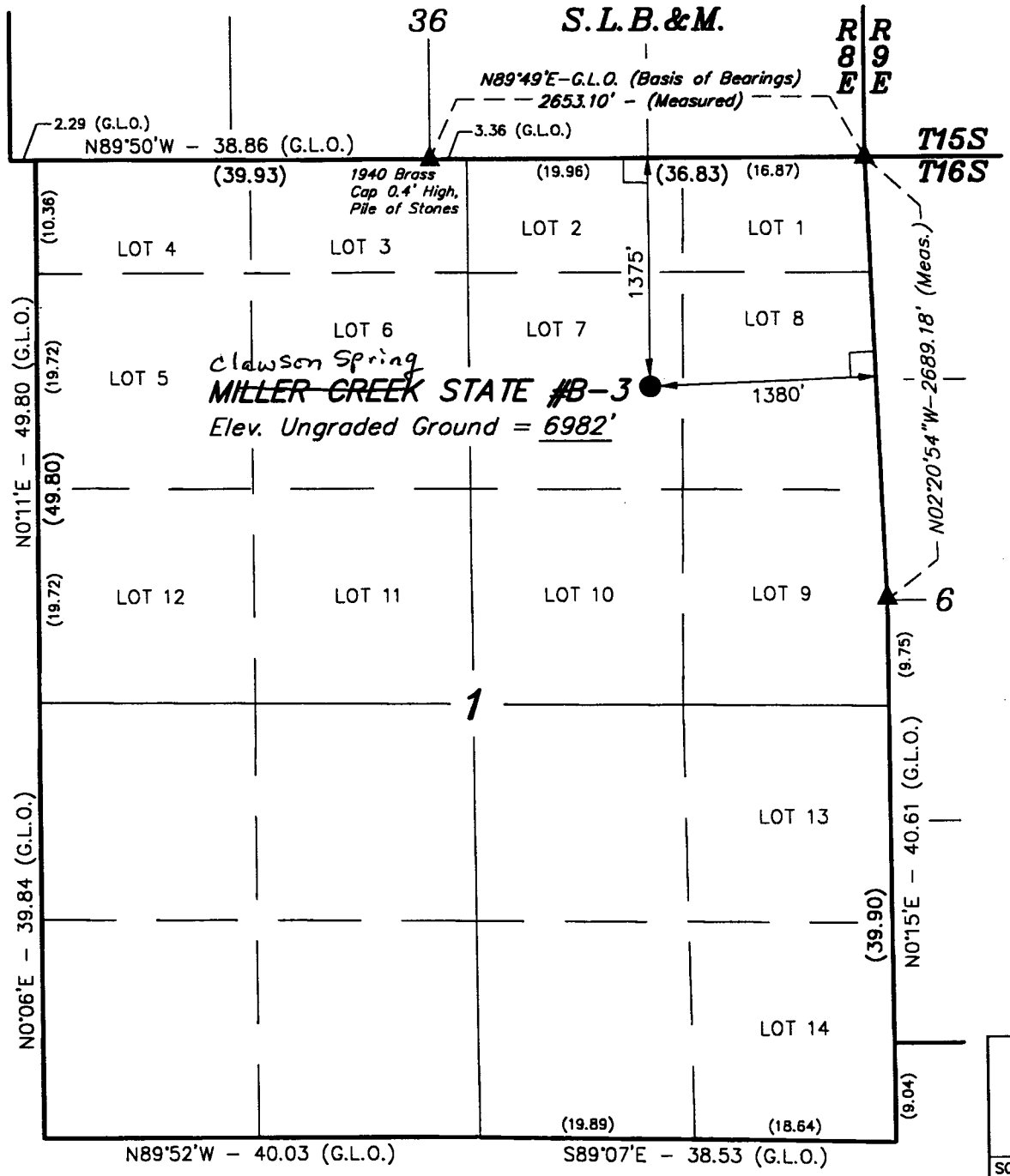
(This space for State office use)

PERMIT NO. 43-015-30429 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: Bradley G. Hill TITLE: BRADLEY G. HILL, RECLAMATION SPECIALIST III DATE: 3/1/00

See Instructions On Reverse Side

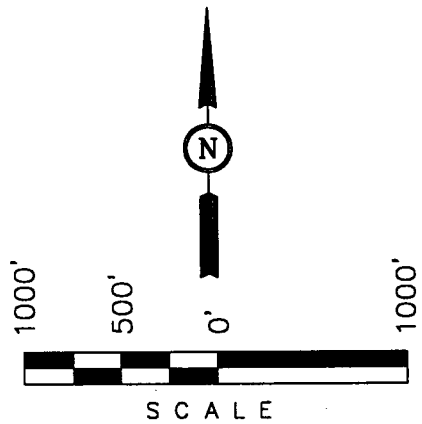


ANADARKO PETROLEUM CORP.

Well location, ~~MILLER CREEK~~ STATE #B-3, located shown in Lot 7 of Section 1, T16S, R8E, S.L.B.&M. Emery County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 1, T16S, R8E, S.L.B.&M. TAKEN FROM THE POISON SPRING BENCH QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6859 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

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°27'58"
LONGITUDE = 110°58'12"

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

SCALE 1" = 1000'	DATE SURVEYED: 10-26-99	DATE DRAWN: 10-29-99
PARTY D.L.K. L.J. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ANADARKO PETROLEUM CORP.	

DRILLING PLAN
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL

Company: Anadarko Petroleum Corporation

Well: **Miller Creek State B-3**

Location: 1375 FNL& 1380 FEL
T16S R8E Sec.1
Carbon County, Utah

Lease: **ML-48216**

Surface Elevation: 6982

A. Estimated Tops of Important Geologic Markers:

GEOLOGIC MARKER	DEPTH
Emery	Surface
Bluegate Shale	**2477**
Ferron SS Member	**3577**
Ferron Coal Top	**3602**
Base of Ferron Coal	**3752**
Tununk Shale	**3812**

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: 3577 - 3752.

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.

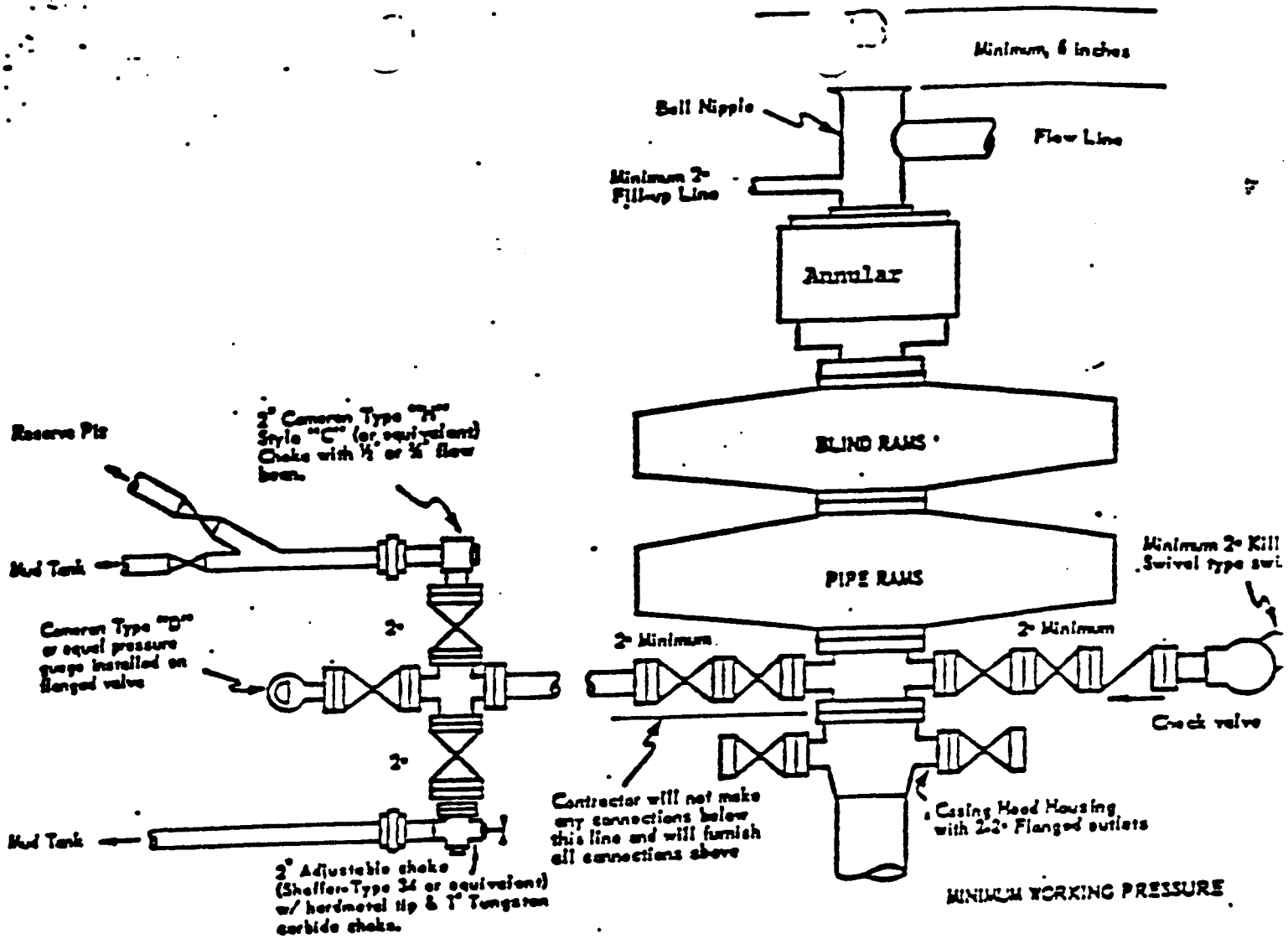
c. The following logging program is planned:
   1. SDL-GR-CAL over prospective intervals..
   2. DIL- SP-GR-CAL over prospective intervals

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.



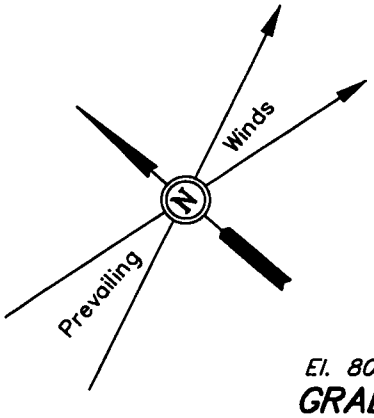
Anadarko Petroleum Corporation

MINIMUM BLOWOUT PREVENTER REQUIREMENTS - NORMAL PRESSURE SERVICE

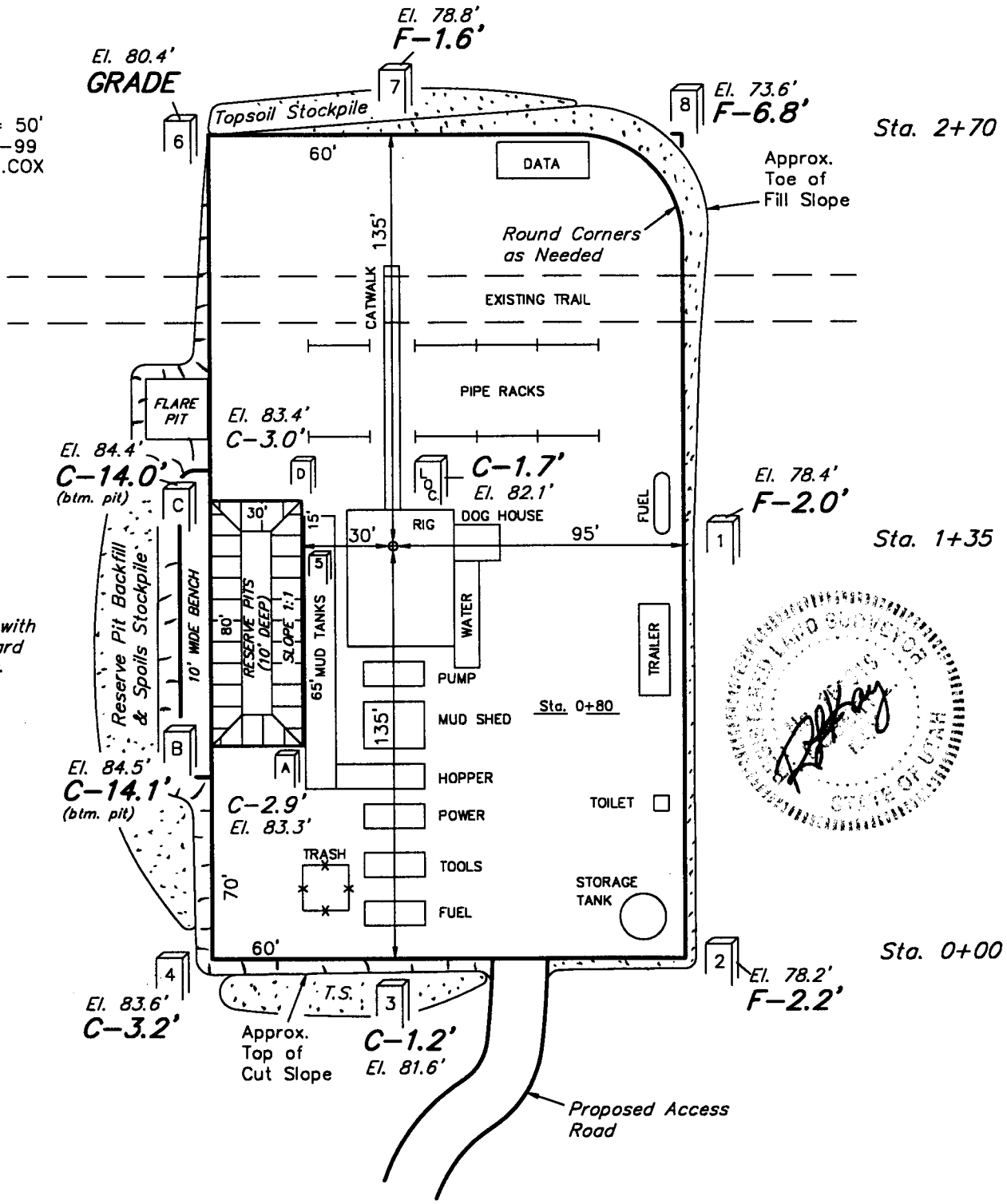
ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

MILLER CREEK STATE #B-3
SECTION 1, T16S, R8E, S.L.B.&M.
1375' FNL 1380' FEL



SCALE: 1" = 50'
DATE: 11-1-99
Drawn By: D.COX



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

ELEV. UNGRADED GROUND AT LOC. STAKE = **6882.1'**

ELEV. GRADED GROUND AT LOC. STAKE = **6880.4'**

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

ANADARKO PETROLEUM CORP.

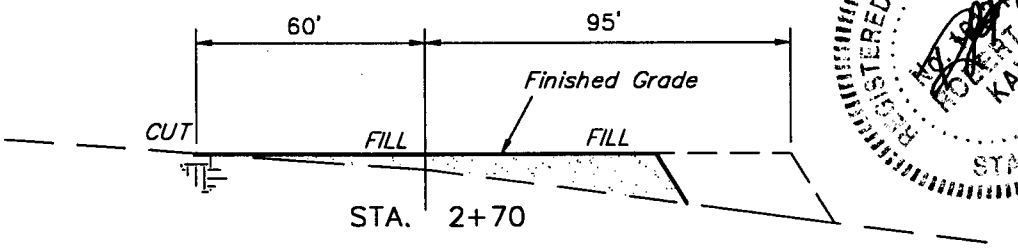
TYPICAL CROSS SECTIONS FOR

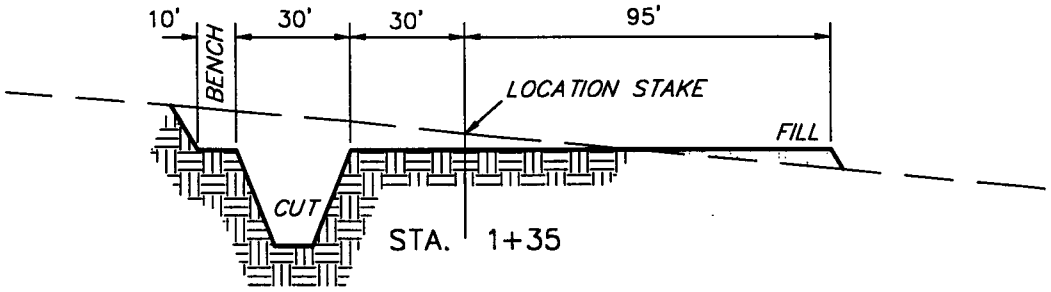
MILLER CREEK STATE #B-3
SECTION 1, T16S, R8E, S.L.B.&M.
1375' FNL 1380' FEL

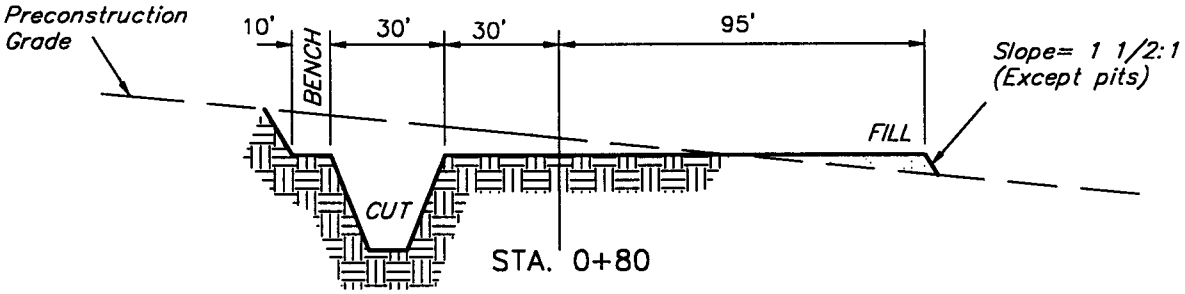
1" = 20'
X-Section Scale
1" = 50'

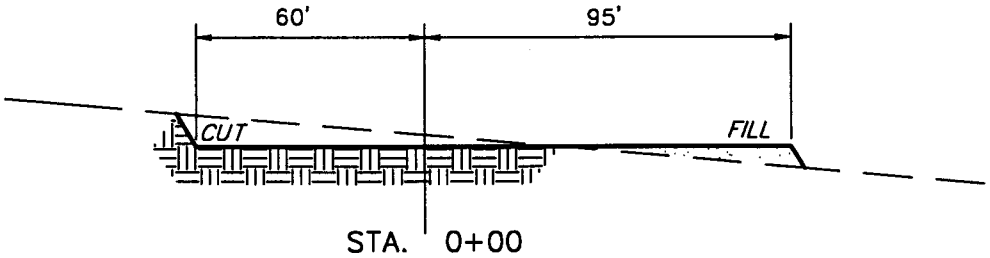
DATE: 11-1-99
Drawn By: D.COX

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
ROBERT L. KAY
STATE OF UTAH









APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	*800* Cu. Yds.
Remaining Location	=	*1,930* Cu. Yds.
TOTAL CUT	=	*2,730* CU.YDS.
FILL	=	*1,580* CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	*1,070* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*1,070* Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	*0* Cu. Yds.

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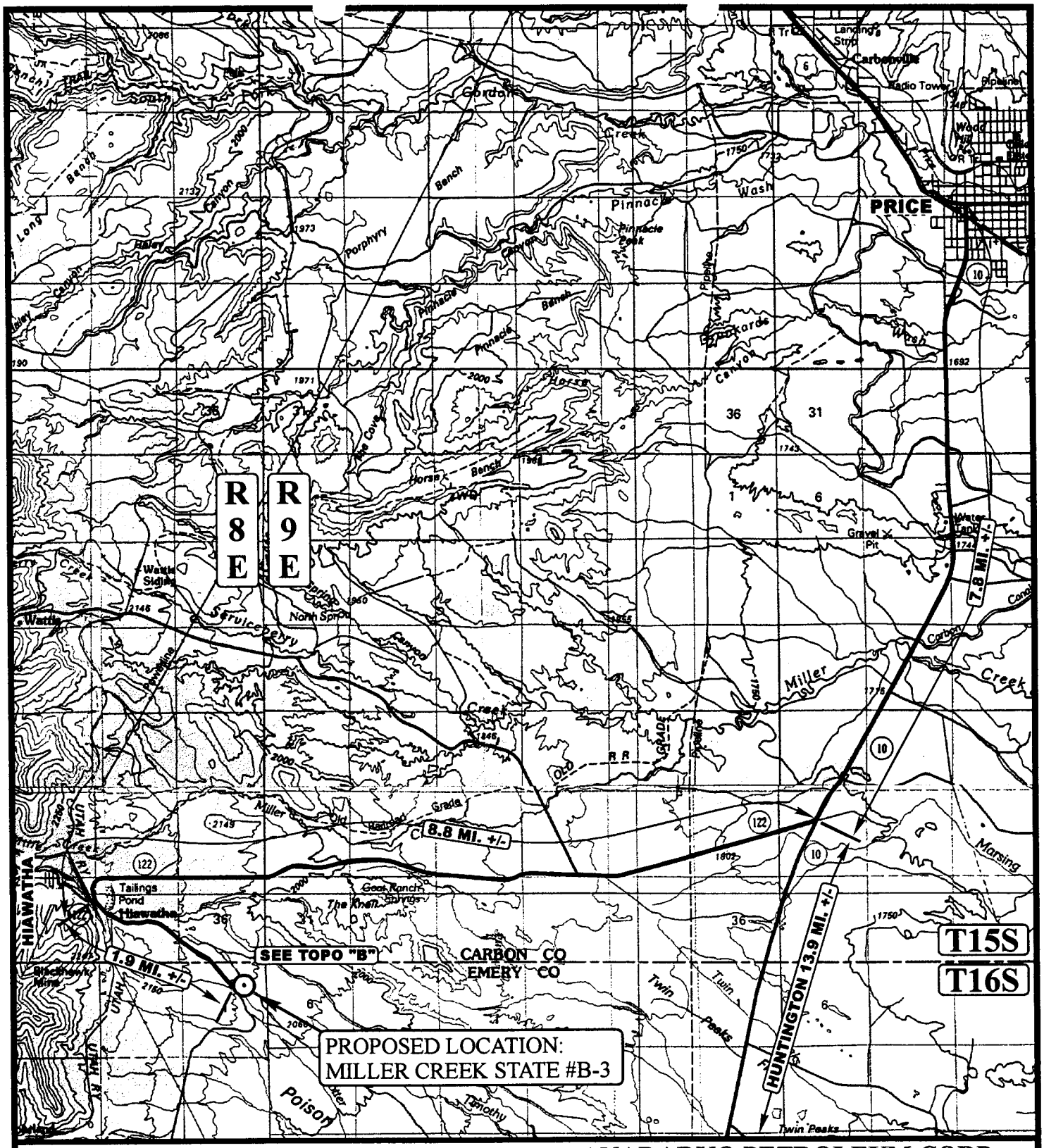


LEGEND:

⊙ PROPOSED LOCATION

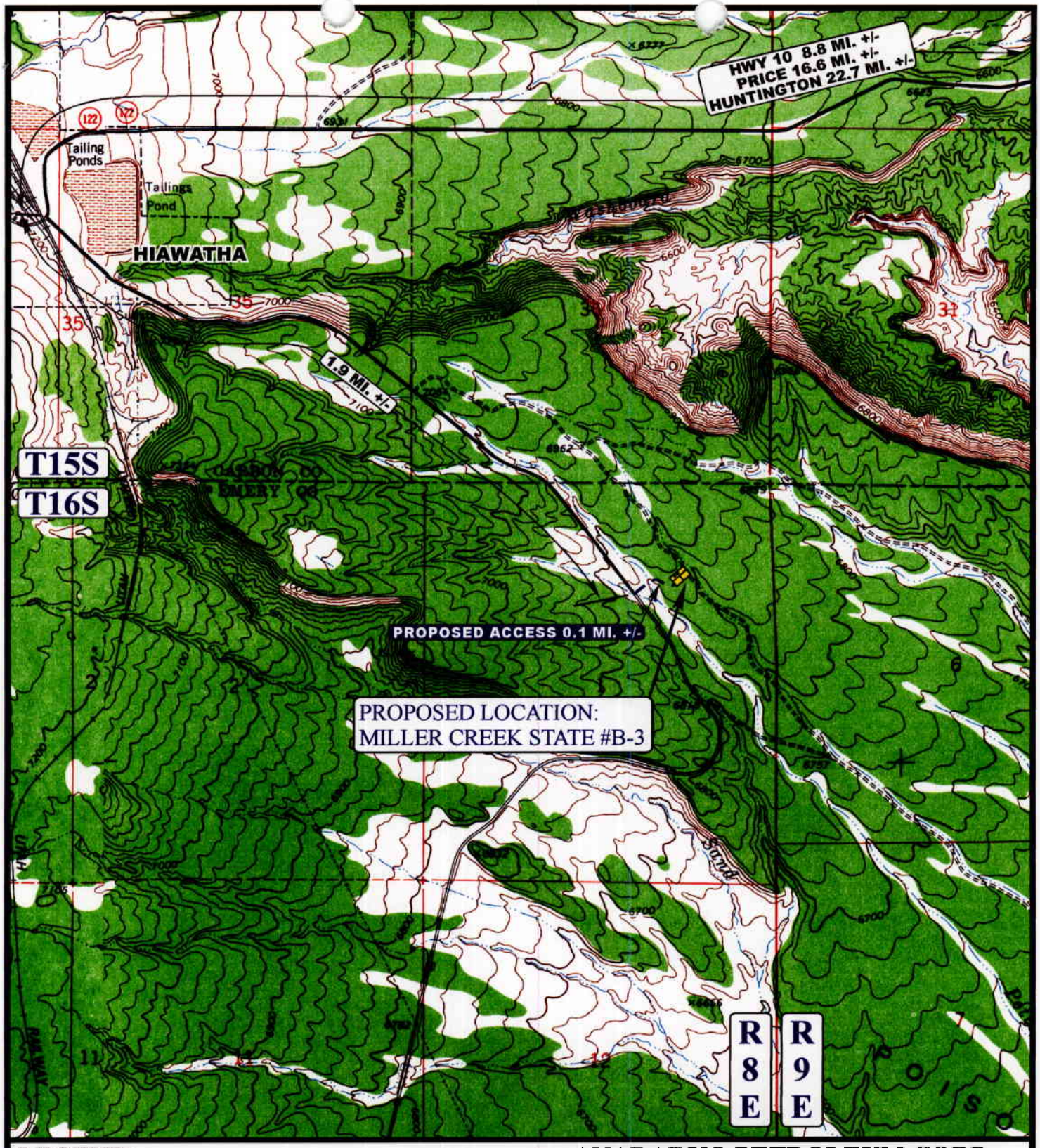
N

ANADARKO PETROLEUM CORP.

MILLER CREEK STATE #B-3
SECTION 1, T16S, R8E, S.L.B.&M.
1375' FNL 1380' FEL

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

TOPOGRAPHIC MAP	10 MONTH	28 DAY	99 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.

MILLER CREEK STATE #B-3
SECTION 1, T16S, R8E, S.L.B.&M.
1375' FNL 1380' FEL

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

TOPOGRAPHIC MAP	10 MONTH	28 DAY	99 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/1999

API NO. ASSIGNED: 43-015-30429

WELL NAME: ~~MILLER CREEK~~ Clawson Spring ST B-3

OPERATOR: ANADARKO PETROLEUM CORP (N0035)

CONTACT: JUDY DAVIDSON

PHONE NUMBER: 281-875-1101

PROPOSED LOCATION:

NWNE 01 160S 080E

SURFACE: 1375 FNL 1380 FEL

BOTTOM: 1375 FNL 1380 FEL

EMERY

UNDESIGNATED (2)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48216

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	RJK	2-22-00
Geology		
Surface		

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:

___ R649-2-3. Unit ___

___ 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 (Conducted 2-11-00)

STIPULATIONS: (1) STATEMENT OF BASIS

Utah Oil Gas and Mining

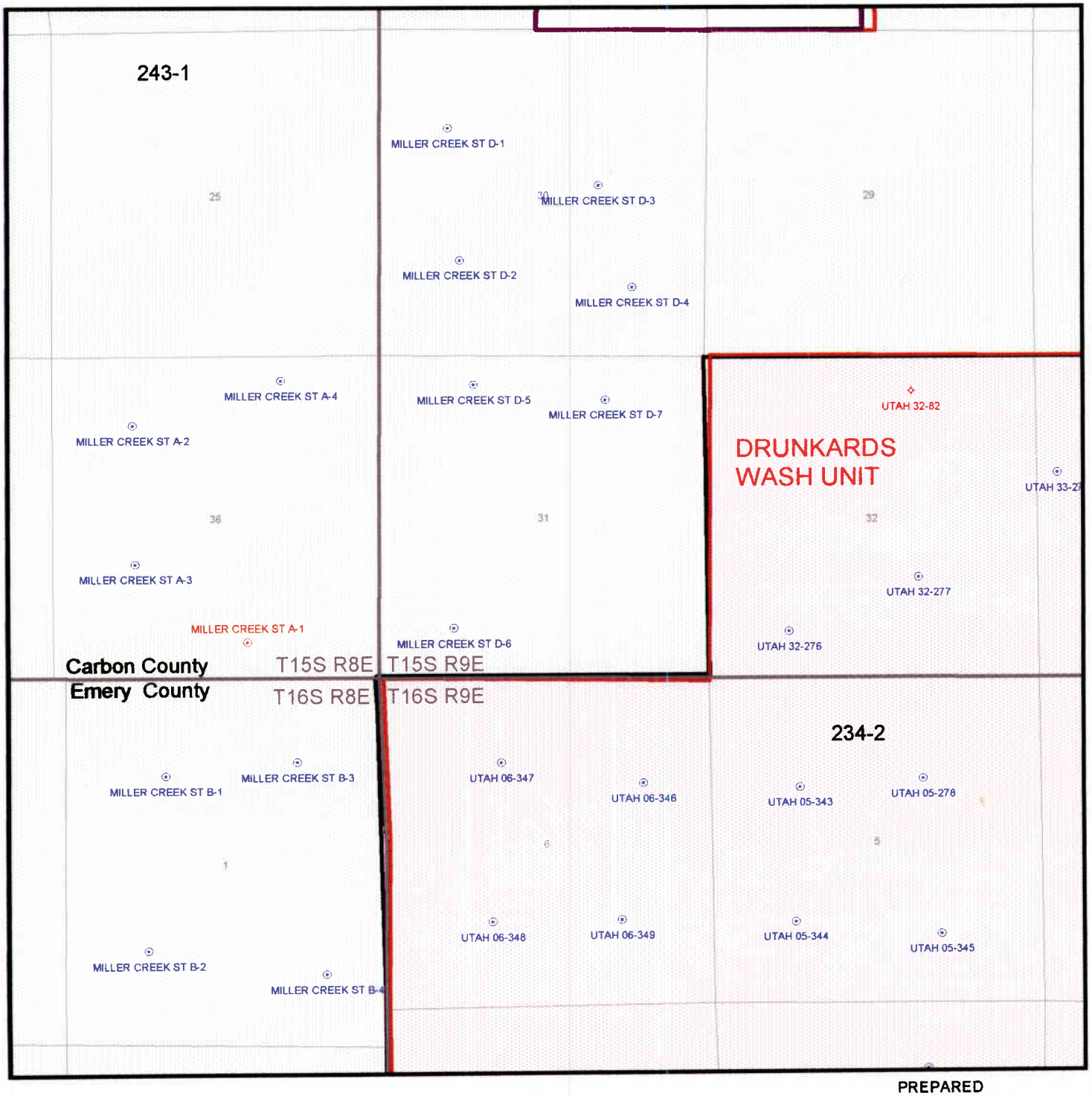
Serving the Industry, Protecting the Environment

OPERATOR: ANADARKO PETROLEUM. (N0035)

FIELD: UNDESIGNATED (002)

S36, T15S, R8E, & S30 & 31, T 15S, R9E, & S1, T16S R8E

COUNTY: CARBON & EMERY CAUSE: 243-1



PREPARED
DATE: 23-DEC-1999

TEL. (281) 875-1101
ANADARKO PETROLEUM CORPORATION 17001 NORTHCHASE DRIVE • P.O. BOX 13[illegible] • HOUSTON, TEXAS 77251-1330

Anadarko

RECEIVED
JAN 21 2000
DIV. OF OIL, GAS & MINING

January 21, 2000

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

Attention: Lisha Cordava

RE: Clawson Spring Field (Formerly Miller Creek Field)
Carbon and Emery Counties, UT

Gentlemen:

Due to another company using the name Miller Creek Field, please change the names of the attached list of wells from Miller Creek to Clawson Spring.

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

Sincerely,

Judy Davidson

Judy Davidson
Regulatory Analyst

JD/me
attachment

Applications for Permit to Drill
Clawson Spring Field, Carbon & Emerby Counties Utah

Former Well Name	County	New Well Name	County
Miller Creek State A-2	Carbon	Clawson Spring State A-2	Carbon
Miller Creek State A-3	Carbon	Clawson Spring State A-3	Carbon
Miller Creek State A-4	Carbon	Clawson Spring State A-4	Carbon
Miller Creek State B-1	Carbon	Clawson Spring State B-1	Carbon
Miller Creek State B-2	Carbon	Clawson Spring State B-2	Carbon
Miller Creek State B-3	Carbon	Clawson Spring State B-3	Carbon
Miller Creek State B-4	Carbon	Clawson Spring State B-4	Carbon
Miller Creek State B-5	Carbon	Clawson Spring State B-5	Carbon
Miller Creek State B-8	Emery	Clawson Spring State B-8	Emery
Miller Creek State B-9	Emery	Clawson Spring State B-9	Emery
Miller Creek State C-2	Emery	Clawson Spring State C-2	Emery
Miller Creek State C-4	Carbon	Clawson Spring State C-4	Carbon
Miller Creek State C-5	Carbon	Clawson Spring State C-5	Carbon
Miller Creek State C-13	Emery	Clawson Spring State C-13	Emery
Miller Creek State C-14	Emery	Clawson Spring State C-14	Emery
Miller Creek State C-15	Emery	Clawson Spring State C-15	Emery
Miller Creek State C-16	Emery	Clawson Spring State C-16	Emery
Miller Creek State C-17	Carbon	Clawson Spring State C-17	Carbon
Miller Creek State C-18	Emery	Clawson Spring State C-18	Emery
Miller Creek State C-20	Emery	Clawson Spring State C-20	Emery
Miller Creek State D-1	Carbon	Clawson Spring State D-1	Carbon
Miller Creek State D-2	Carbon	Clawson Spring State D-2	Carbon
Miller Creek State D-3	Carbon	Clawson Spring State D-3	Carbon
Miller Creek State D-4	Carbon	Clawson Spring State D-4	Carbon
Miller Creek State D-5	Carbon	Clawson Spring State D-5	Carbon
Miller Creek State D-6	Carbon	Clawson Spring State D-6	Carbon
Miller Creek State D-7	Carbon	Clawson Spring State D-7	Carbon

RECEIVED
JAN 21
DIV OF OIL, GAS & MINING

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

Operator Name: Anakarko Petroleum Corporation
Name & Number: Clawson Spring State B-3
API Number: 43-015-30429
Location: 1/4,1/4 NWNE Sec. 1 T. 16 S R. 8 E **County**: Emery

Geology/Ground Water:

There are three points of diversion within 1 mile of this location none of these are culinary or are used as culinary supplies. It is possible that zones of potable water may be encountered while drilling. The proposed casing and cement program appear to be adequate to isolate any zones of fresh water that may be penetrated. However the proximity of fresh water seeps in Sand Wash just to the west of location will require added awareness on the part of the operator in order that they will adequately protect any zones encountered below the surface casing setting depth. This well will penetrate the upper, middle and lower Emery Member sands of the Bluegate Shale Member of the Mancos formation. It is one of these sands that is most likely the source of Clawson Spring to the north about 1 ½ miles.

Reviewer: K. Michael Hebertson **Date**: 8/February/2000

Surface:
Emery County personnel were invited to participate in the pre-site and were present for this session. There were no issues with wildlife except the winter drilling restrictions. There were no raptor conditions or stipulations with this location as there are no active nesting sites in the immediate area. The nearest moving water is in Miller Creek ~1 mile north, however Washboard Wash also has water in it during certain seasons of the year. Precipitation will be diverted around the location and berms will be established to keep pollutants from entering or leaving the well pad. The operator is aware of winter drilling restrictions enforced by DWR from December 1st to April 15th each year and has elected to abide by those restrictions unless an exemption or waiver is granted.

Reviewer: K. Michael Hebertson **Date**: 17 /February/2000

Conditions of Approval/Application for Permit to Drill:

1. A pit liner is required.
2. Berms and diversions to protect the location and spoil piles and control erosion and pollution.
3. Dust suppression while air drilling.
4. Access to the established two track road will be established leading to the east of location.
5. Access back to the Miller Creek A-1 access road will be reclaimed by ripping the two track.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Anadarko Petroleum Corporation
WELL NAME & NUMBER: Clawson Spring State B-3
API NUMBER: 43-015-30429
LEASE: State FIELD/UNIT: Clawson Spring (Proposed)
LOCATION: 1/4,1/4 NWNE Sec 1 TWP: 16 S RNG: 8 E 1375 FNL 1380 FEL
LEGAL WELL SITING: 660' F SEC. LINE; 660 F 1/4,1/4 LINE; 1320 F ANOTHER WELL.
GPS COORD (UTM): X = 502,573 E; Y = 4,368,280 N Calculated SURFACE OWNER: State

PARTICIPANTS

Mike Hebertson & Chris Kierst, (DOGM), Jim Hartley (Anadarko), Chris. Colt (DWR), David Kay & Lance Jacobsen (Uintah Engineering), Val Payne (Emery County)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~2 miles east of the Wasatch Plateau. The location is on the westward-dipping pediment mantle of the upper Blue Gate Member of the Mancos Shale. The well may penetrate the Emery Sandstone Member, the Middle Emery Member and possibly the Lower Emery Member of the Mancos Shale. The pad is in a Sage Brush Flat which slopes towards Timothy Wash, ~2 miles to the southeast and is ~2 1/4 miles south of Highway 122. Highway 10 is east about 6 miles. and 2 miles southeast of the Hiawatha Mine.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 320 X 210' pad and outboard soil storage a 30' X 80' X 10' inboard pit and ~ 500 of new approach road to access the location.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There is one gas well within the radius of 1 mile of this location. There are 4 points of diversion or existing water rights within one mile of this location. Most of these follow the minor drainages or are seeps in Sand Wash.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ~4.5 miles east of the pad (Questar pipeline runs north-south). All utilities will follow existing roads or new access roads.

SOURCE OF CONSTRUCTION MATERIAL: gravel location and approach road; soil stored in berm, the location will be made of natural material borrowed from leveling the pad during construction.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable toilets; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. All human waste generated at the site will be kept in proper sanitary facilities and disposed of according to local rules. A waste management program has been filed for the 2000 year drilling season, however it is written to cover production and is not sufficient to cover the drilling phase of operations. Extra precautions will be taken due to the proximity of Washboard Wash.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Pinon Juniper Sagebrush, grasses, cactus, birds, lizards, coyotes, rodents, raptors, occasional elk and deer, reptiles.

SOIL TYPE AND CHARACTERISTICS: Moderately-permeable silty soil on Quaternary/Tertiary Pediment Mantle. The soil is composed of decomposed sandstone and shale from the Emery sand sequences and Bluegate shale

SURFACE FORMATION & CHARACTERISTICS: Quaternary/Tertiary Pediment Mantle overlying the Upper Blue Gate Shale Member of the Mancos Shale. The Emery Sandstone Beds are present in this area, and form a cliff face in the wash about a 1/2 mile to the south of this location.

EROSION/SEDIMENTATION/STABILITY: Stable

PALEONTOLOGICAL POTENTIAL: None observed. No survey is required unless vertebrate bones are seen during inspection.

RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, as above.

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

SURFACE RESTORATION/RECLAMATION PLAN

As per State surface agreement.

SURFACE AGREEMENT: Agreement filed with State.

CULTURAL RESOURCES/ARCHAEOLOGY: None observed

OTHER OBSERVATIONS/COMMENTS

This location is above Sand Wash about ½ mile north which continues down Poison Spring Bench and eventually reaches Timothy Wash and then to Washboard Wash. A vegetation buffer will be left between the location and the top of the wash that will serve as a visual impact barrier and an area of security for the wildlife using the grasslands below. State Lands has always had a policy to abandon access roads when new road was to be built to the location. When this was suggested Val Payne of Emery County objected because of the impact to the RS2477 Federal Funds and insisted that the road not be reclaimed. However a compromise was negotiated and Anadarko will leave access below the location open by putting a two track around the location.

ATTACHMENTS:

Photographs taken.

K. Michael Hebertson
DOGM REPRESENTATIVE

11 /Febryary /2000 10:00 AM
DATE/TIME

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

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

Final Score 23 (Level II Sensitivity)

Anadarko Petroleum Corp. Clawson Spring B-3 43-015-30429 NWNE Sec. 1, Twp 16 S, Rng 8 E, Emery County, Utah

Well name:	**2-00 Anadarko Clawson Spring State B-3**
Operator:	**Anadarko**
String type:	Surface
Location:	Carbon County
Project ID:	43-015-30429

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: 262 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:	5 ft

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 (ft^3)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	14.4

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	1370	10.56	130	2950	22.73	6	244	38.74 J

Prepared by: RJK
Utah Dept. of Natural Resources

Date: February 17,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
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:	**2-00 Anadarko Clawson Spring State B-3**
Operator:	**Anadarko**
String type:	Production
Location:	Carbon County
Project ID:	43-015-30429

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 1,797 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: 3,628 ft

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 133 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 3,089 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	4152	5.5	17.00	N-80	LT&C	4152	4152	4.767	143.1

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	1797	6290	3.50	1797	7740	4.31	62	348	5.64 J

Prepared by: RJK
Utah Dept. of Natural Resources

Date: February 17,2000
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

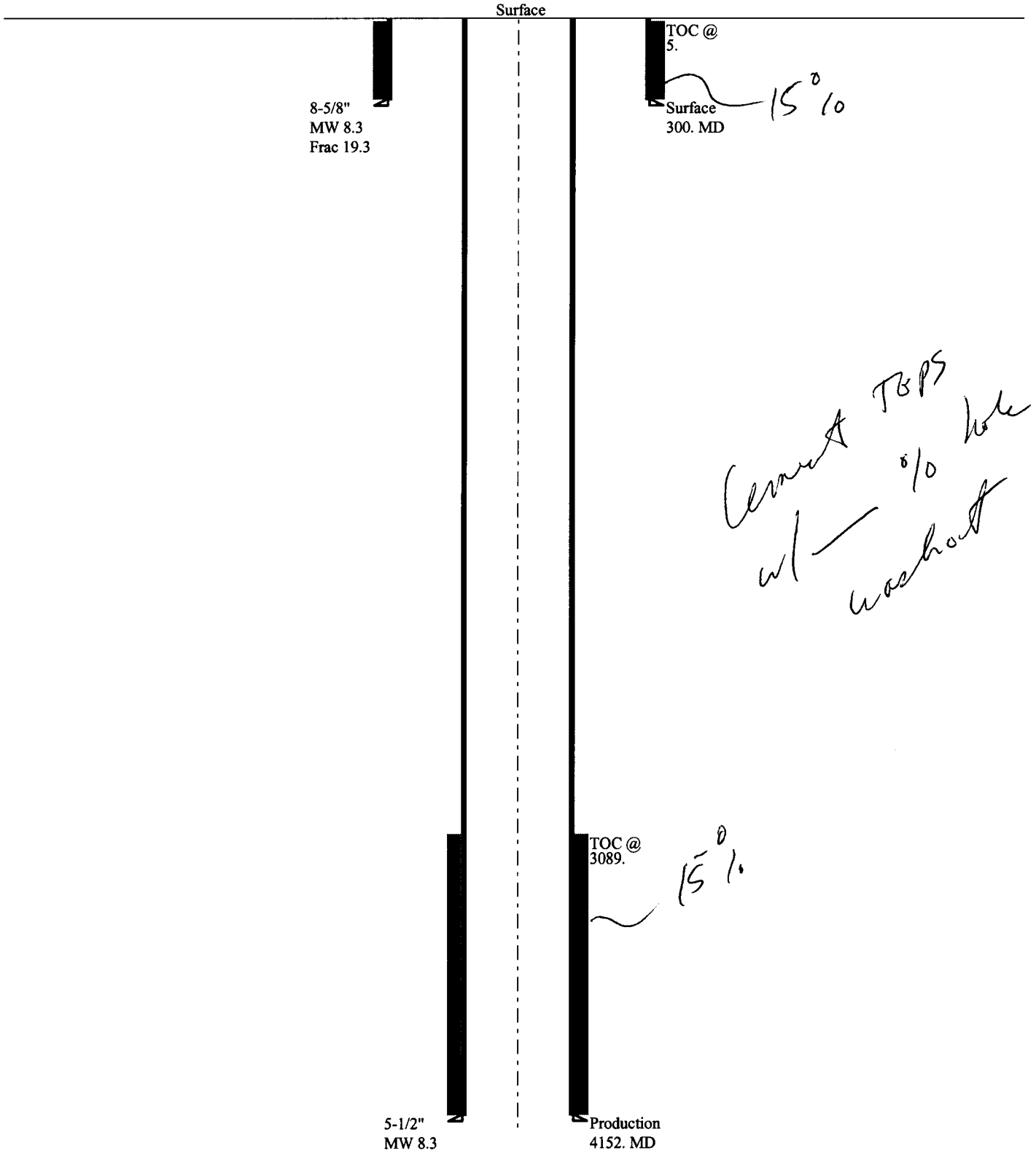
Collapse is based on a vertical depth of 4152 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

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

2-0 Anadarko Clawson Spring State B-3

Casing Schematic



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)

17 February, 2000

Gil Hunt
UIC Manager
Oil & Gas Program
1594 W. North Temple #1210
Salt Lake City, UT 84114-5801

Dear Mr. Hunt:

Enclosed are the Utah Division of Wildlife Resources' comments from the following onsite well inspections:

12/20/99	- River Gas Corporation	(1 well)
1/7/00	- River Gas Corporation	(2 wells)
1/14/00	- Anadarko Peteroleum Corporation	(5 wells)
1/28/00	- River Gas Corporation	(4 wells)
1/28/00	- Anadarko Peteroleum Corporation	(4 wells)
2/11/00	- River Gas Corporation	(4 wells)
2/11/00	- Anadarko Peteroleum Corporation	(4 wells)

If there are any questions regarding these comments, please contact Chris Colt (Habitat Biologist) at 435-636-0279.

Sincerely,

C. J. Colt for

Miles Moretti
Regional Supervisor

MM/cjc
enc: 7

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

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

11 February 2000

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

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

Clawson Springs B-2: We understand that this location will be rotated 90° and moved 40' WNW to accommodate Emery County's concerns. This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

Clawson Springs B-3: It is the opinion of UDWR that the if the new (proposed) road is built directly off the main road to the well, it should be connected to the existing 2 track, and the old 2 track running parallel to the main road should be reclaimed to reduce redundant roads. This was discussed and agreed upon by all present at the onsite[1]. Additionally, this area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

Clawson Springs B-4: We appreciate the visual buffer of trees left along the west side of the location. We feel that this will help reduce disturbance to wintering wildlife when the will is visited. This area is within the big game winter range, therefore seasonal restrictions for construction and mitigation requirements should be followed.

[1]People present:
Chris Colt - UDWR
Mike Hebertson - UDOGM
Chris Kierst - UDOGM
Jim Hartley - Anadarko
David Kay - UELS
Val Payne - Emery County

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

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

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)

March 1, 2000

Anadarko Petroleum
17001 Northchase drive,
Huston Texas 77060

Re: Clawson Spring ST B-3 Well, 1375 FNL, 1380 FEL,NW NE, Sec. 1, T.16S, R. 8 E.
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 43-015-30429.

Sincerely,

John R. Baza
Associate Director

al
Enclosures
cc: Emery County Assessor
Bureau of Land Management, Moab District Office

Operator: Anadarko Petroleum

Well Name & Number: Clawson Spring ST B-3

API Number: 43-015-30429

Lease: ML-48216

Location: NW NE **Sec.** 1 **T.** 16S **R.** 8E

Conditions of Approval

1. General

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

2. Notification Requirements

   Notify the Division 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

Division contacts (please leave a voice mail message if person is not available to take the call):

Dan Jarvis at (801)538-5338
Robert Krueger at (801)538-5274 (plugging)
Carol Daniels at (801)538-5284 (spud)

3. Reporting Requirements

   All required reports, forms and submittals shall 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)

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ANADARKO PETROLEUM

Well Name: CLAWSON SPRING ST B-3

Api No.. 43-015-30429 LEASE TYPE: STATE

Section 01 Township 16S Range 08E County EMERY

Drilling Contractor BOB BEAMAN DRILLING RIG # 23

SPUDDED:

Date 07/28/2000

Time 1:30 AM

How DRY

Drilling will commence

Reported by GARY VANCIL

Telephone #

Date 07/28/2000 Signed: CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Anadarko Petroleum Corporation

ADDRESS P. O. Box 1330
Houston, TX 77251-1330

OPERATOR ACCT. NO. N 0035

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	12848	43-015-30429	Clawson Spring State B-3	NE	1	16S	8E	Emery	08-15-00	8-15-00
WELL 1 COMMENTS: CONFIDENTIAL 8-16-00											
A	99999	12849	43-007-30644	Clawson Spring State D-7	NE	31	15S	9E	Carbon	08-14-00	8-14-00
WELL 2 COMMENTS: CONFIDENTIAL 8-16-00											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
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)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Signature
Regulatory Analyst 8-16-00
Title Date
Phone No. (281) 875-1101

AUG 16 '00 11:47 FR ANADARKO PETROLEUM 281 876 8323 TO 918013593940 P.02/02

** TOTAL PAGE.02 **

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

Anadarko

August 18, 2000

CONFIDENTIAL

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-6801

Attention: Lisha Cordova

RE: Sundry Notices
Carbon/Emery Counties

Gentlemen:

Enclosed, in triplicate, is Form 9, Sundry Notices and Reports on Wells, for the Clawson Spring State Weekly Report of Operations for the following wells in Carbon/Emery Counties.

Clawson Spring State B-2
Clawson Spring State B-3
Clawson Spring State C-2
Clawson Spring State D-5
Clawson Spring State D-7
Clawson Spring State D-8
Clawson Spring State SWD-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

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DIVISION OF
OIL, GAS AND MINING

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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5. Lease Designation and Serial Number

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number: 43-015-30429

10. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL [ ] GAS [ ] OTHER: coalbed methane

2. Name of Operator
Anadarko Petroleum Corporation

3. Address and Telephone Number
17001 Northchase Dr., Houston, Texas 77060 (281) 874-8766

4. Location of Well
Footages:
QQ,Sec., T., R., M.: Sec 01 T16S R08E

County: Carbon/Emery
State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandon
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recomplete
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandon*
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [X] Other Weekly Report of Operations
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

Weekly Reports for the following wells (week ending 08-21-00)

Clawson Spring State B-2
Clawson Spring State B-3
Clawson Spring State C-2
Clawson Spring State D-5
Clawson Spring State D-7
Clawson Spring State D-8
Clawson Spring State SWD-1

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13. Name & Signature Judy Davidson Title Regulatory Analyst Date 08-21-00

(This space for State use only)

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AUG 22 2000
DIVISION OF
OIL, GAS AND MINING

(5/94)

(See Instructions on Reverse Side)

ANADARKO PETROLEUM CORPORATION
WELL HISTORY
ONSHORE - U.S.

CONFIDENTIAL

CLAWSON SPRINGS B-3, CLAWSON SPRINGS FIELD, 1375' FNL & 1380' FEL, SEC 1–16S-8E, EMERY CO., UTAH, WI 1.0, NRI 0.875, AFE #20435, ETD 4250', GLE 6982', ELLENBURG RIG #11, API # 43-~~007~~-015-30429

08/15/2000	395' (52') **DRILLING,** MW – AIR
DFS 01	MIRU 08/14/00, NUBOPE, TESTED BOPE TO 250 LOW/ 2000 HIGH, **SPUD NEW HOLE @ 03:15 HRS 8/15/00,** PREVIOUSLY SET 332' OF 8 5/8" 24# CSG AND CMTD W/ 144 SXS CLASS G, LAST SURVEY @ NONE CC: $31,568
08/16/2000	2885' (2490') **DRILLING,** MW – AIR
DFS 02	LAST SURVEY @ 2517' - 2^0 CC: $66,938
08/17/2000	3920' (1035') **RELEASED RIG**
DFS 03	TD HOLE @ 15:30 HRS 8/16/00, BLOW HOLE CLEAN, RAN LOGS, RAN 90 JNTS 5 ½" 17# N80 CSG, SET @ 3920, CMT W/ 125 SXS CLASS G RFC, MIXED @ 14.2 PPG, PLUG BMPD, FLOATS HELD, ND BOPE, SET SLIPS, CO CSG, RELEASED RIG @ 07:00 HRS 8/17/00, *TEMPORARILY DROP FROM REPORT, SI WO COMPL.* LAST SURVEY @ 3418' – 1.5^0 CC: $113,081

RECEIVED

AUG 22 2000

DIVISION OF
OIL, GAS AND MINING

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48216

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: Clawson Spring State B-3

9. API NUMBER: 43-015-30429

10. FIELD AND POOL, OR WILDCAT: Miller Creek CBM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Sec.1, T16S, R8E

12. COUNTY: Emery

13. STATE: UTAH

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

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

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

PHONE NUMBER: 281-875-1101

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 1375' FNL & 1380' FEL, NE Sec. 1, T16S, R8E

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

CONFIDENTIAL PERIOD EXPIRED ON 4-8-02

14. DATE SPUDDED: 8/15/00

15. DATE T.D. REACHED: 8/16/00

16. DATE COMPLETED: 3/8/01 ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL): 6982' GL

18. TOTAL DEPTH: MD 3920' TVD SAME

19. PLUG, BACK T.D.: MD 3880' TVD SAME

20. IF MULTIPLE COMPLETIONS, HOW MANY?

21. DEPTH BRIDGE PLUG SET: MD TVD

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

GR/CBL/CCL CD/CN/GR - 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#		395'		144sx "G"	30	Surface	
7 7/8"	5 1/2" N80	17#		3920'		125sx "G"	36	3014'	

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"	3875"							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
Ferron	2750'	4067'		

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
3500-3634	.66"	184	Open ☒ Squeezed ☐
3487-3546	.66"	112	Open ☒ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3560-3634	79M GAL 25# XLG + 171M # 16/30 SD
3487-3546	169M GAL 25# XLG + 364M # 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 02 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				147	474	
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:
		100								

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	2750'	4067'	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)

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

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 R08E Sec 01
43-015-30429

Sincerely,
ANADARKO PETROLEUM CORPORATION

Jennifer Berlin
Environmental Regulatory Analyst

Enclosures

RECEIVED
APR 24 2001
DIVISION OF
OIL, GAS AND MINING

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

Anadarko Confidentiality Notice:
This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. If you have received this communication in error, please immediately notify sender by return e-mail and destroy the communication. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited.

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

10/21/2003 MD 3920', **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 B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

04/22/2004 MD 0', **PREP TO MOVE TO HF # D-10**
CLEAN OUT WELL, RIH W/ PROD TBG, RIH W/ NEW PUMP & RODS, START WELL PUMPING, RDMO, PREP TO MOVE TO HF # D-10,
CC $36,121

04/21/2004 MD 0', **CLEAN OUT WELL, RUN PROD EQUIP**
MIRU, POOH LAYING DOWN 23/8" FIBER GLAS TBG, RIH W/ CLEAN OUT TOOLS PICK-UP NEW 23/8" TBG, SDFD,
CC $9,024

04/20/2004 **Data is not available at the time of transmission.**

04/19/2004 **WELL EVENT NOT STARTED.**

04/18/2004 **WELL EVENT NOT STARTED.**

04/17/2004 **WELL EVENT NOT STARTED.**

04/16/2004 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), Pool #808, API 43-015-30429

09/03/2004 MD 0', **PREP TO RUN RODS & NEW PUMP**
MIRU, POOH W/ RODS, PULL TBG LOGGING, SORTING, RUN NEW BHA, RUN CHEMICAL INJ LINE, SDFD,
CC $21,509

09/02/2004 **Data is not available at the time of transmission.**

09/01/2004 **WELL EVENT NOT STARTED.**

08/31/2004 **WELL EVENT NOT STARTED.**

08/30/2004 **WELL EVENT NOT STARTED.**

08/29/2004 **WELL EVENT NOT STARTED.**

08/28/2004 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), Pool #808, API 43-015-30429

02/01/2005 MD 0', **PREP TO TEST PUMP, RIH W/ RODS**
CONTROL WELL, POOH W/ TBG & CHEM LINE, RIH W/ TBG, LOG TBG, RUN PROD TBG & CHEM LINE, SDFD,
CC $18,983

01/31/2005 MD 0', **PREP TO PULL TBG, RIH, LOG OUT**
MIRU, TRY PRESSURE TEST TBG, WOULDN'T TEST, POOH W/ RODS, PUMP TESTED GOOD, CHG EQUIP TO TBG, PREP TO PULL TBG, CHEM LINE, ETC, SDFD,
CC $2,019

01/30/2005 **Data is not available at the time of transmission.**

01/29/2005 **WELL EVENT NOT STARTED.**

01/28/2005 **WELL EVENT NOT STARTED.**

01/27/2005 **WELL EVENT NOT STARTED.**

01/26/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

02/02/2005 MD 0', **MIRU @ CSS # D-5, WORK ON WELL**
BLEED OFF PRESS, RIH W/ NEW PUMP, FILL & TEST TBG, PUMP, ETC., RDMO, START WELL PUMPING,
CC $20,628

02/01/2005 MD 0', **PREP TO TEST PUMP, RIH W/ RODS**
CONTROL WELL, POOH W/ TBG & CHEM LINE, RIH W/ TBG, LOG TBG, RUN PROD TBG & CHEM LINE, SDFD,
CC $18,983

01/31/2005 MD 0', **PREP TO PULL TBG, RIH, LOG OUT**
MIRU, TRY PRESSURE TEST TBG, WOULDN'T TEST, POOH W/ RODS, PUMP TESTED GOOD, CHG EQUIP TO TBG, PREP TO PULL TBG, CHEM LINE, ETC, SDFD,
CC $2,019

01/30/2005 **Data is not available at the time of transmission.**

01/29/2005 **WELL EVENT NOT STARTED.**

01/28/2005 **WELL EVENT NOT STARTED.**

01/27/2005 **WELL EVENT NOT STARTED.**

ANADARKO Daily Drilling Summary

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

06/15/2005 MD 3920', **WATER FLUSH; PREP TO PUT BACK ON PRODUCTION**
SAFETY MEETING. CONNECT TO CASING VALVE. PUMP 125 BBL'S OF PRODUCED WATER @ 6 BB'S/MIN. RDMO,
CC $252

06/14/2005 **Data is not available at the time of transmission.**

06/13/2005 **WELL EVENT NOT STARTED.**

06/12/2005 **WELL EVENT NOT STARTED.**

06/11/2005 **WELL EVENT NOT STARTED.**

06/10/2005 **WELL EVENT NOT STARTED.**

06/09/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), Pool #808, API 43-015-30429

07/29/2005 MD 0', **PREP TO RUN ROD'S.**
MORU FOM HELPER FEDERAL G-8 TO CLAWSON SPRING'S STATE B-3 (27.1 MILES), POOH WITH RODS, NIPPLE UP BOP, POOH WITH TBG AND CHEMICAL INJECTION, RIH, RIG UP PRS, POOH 17 BAD JTS, RIH WITH PRODUCTION SDFD,,
CC $15,200

07/28/2005 **Data is not available at the time of transmission.**

07/27/2005 **WELL EVENT NOT STARTED.**

07/26/2005 **WELL EVENT NOT STARTED.**

07/25/2005 **WELL EVENT NOT STARTED.**

07/24/2005 **WELL EVENT NOT STARTED.**

07/23/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

12/30/2005 MD 3920', **SDFN; HOLE IN TUBING; REPLACE CAPULARY STRING**
BLEED PRESSURE OFF WELL. PUMP TESTED GOOD. TAG SAND. CLEANED OUT WELL. RIGGED UP PRS. 17 JTS HAD EXTERNAL COROSION. TALLIED PIPE. SDFN,
CC $12,462

12/29/2005 MD 3920', **MIRU; PREP TO PULL RODS; SDFN**
MIRU; PREPPED TO PULL RODS; SDFN,
CC $2,956

12/28/2005 **Data is not available at the time of transmission.**

12/27/2005 **WELL EVENT NOT STARTED.**

12/26/2005 **WELL EVENT NOT STARTED.**

12/25/2005 **WELL EVENT NOT STARTED.**

12/24/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), Pool #808, API 43-015-30429

01/04/2006 MD 0', **PREP TO PULL TBG, TESTING FOR LEAK**
MIRU, TRY PRESS TESTING, POOH W/ RODS, PULL TBG & CHEM LINE, RUN TBG W/ STD'G VALVE IN PLACE, SDFD,
CC $7,209

01/03/2006 **Data is not available at the time of transmission.**

01/02/2006 **WELL EVENT NOT STARTED.**

01/01/2006 **WELL EVENT NOT STARTED.**

12/31/2005 **WELL EVENT NOT STARTED.**

12/30/2005 **WELL EVENT NOT STARTED.**

12/29/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

01/05/2006 MD 0', **PREP TO MOVE TO HELPER FED. # A-4**
CONTROL WELL, CONT PRESS TESTING, CHG 2 JTS TBG, POOH, RUN PROD TBG & CHEM LINE, RUN PUMP & RODS, FILL & TEST, RDMO,
CC $16,105

01/04/2006 MD 0', **PREP TO PULL TBG, TESTING FOR LEAK**
MIRU, TRY PRESS TESTING, POOH W/ RODS, PULL TBG & CHEM LINE, RUN TBG W/ STD'G VALVE IN PLACE, SDFD,
CC $7,209

01/03/2006 **Data is not available at the time of transmission.**

01/02/2006 **WELL EVENT NOT STARTED.**

01/01/2006 **WELL EVENT NOT STARTED.**

12/31/2005 **WELL EVENT NOT STARTED.**

12/30/2005 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

03/06/2006 **Data is not available at the time of transmission.**

03/05/2006 MD 0', **PREP TO PULL RODS, & TBG**
MIRU, PREP EQUIP TO WORK ON WELL, LEAVE WELL PUMPING THRU WEEKEND, SDFD,
CC $2,587

03/04/2006 **Data is not available at the time of transmission.**

03/03/2006 **WELL EVENT NOT STARTED.**

03/02/2006 **WELL EVENT NOT STARTED.**

03/01/2006 **WELL EVENT NOT STARTED.**

02/28/2006 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), API 43-015-30429

03/07/2006 MD 0', **MIRU @ HELPER FED. # E-4**
PRESS TEST, POOH W/ RODS, CHG PUMP, FLUSH TBG ETC, RIH, FILL & TEST, START WELL PUMPING, RDMO,
CC $10,671

03/06/2006 **Data is not available at the time of transmission.**

03/05/2006 MD 0', **PREP TO PULL RODS, & TBG**
MIRU, PREP EQUIP TO WORK ON WELL, LEAVE WELL PUMPING THRU WEEKEND, SDFD,
CC $2,587

03/04/2006 **Data is not available at the time of transmission.**

03/03/2006 **WELL EVENT NOT STARTED.**

03/02/2006 **WELL EVENT NOT STARTED.**

03/01/2006 **WELL EVENT NOT STARTED.**

CLAWSON SPRING STATE B-3

DRUNKARDS WASH, 1375 FNL & 1380 FEL OF SEC. 1, T16S R8E, EMERY, UTAH, AFE NONE, ETD 0', GLE 3920', (FERRON COAL), POOL 808, API 43-015-30429

05/05/2006 MD 0', **PREP TO RIH W/ NEW PUMP, ETC.**
MIRU, PRESS TEST, POOH W/ RODS & PUMP, FLUSH TBG, RIH W/ NEW PUMP, FOUUD LEAK IN PUMP, SDFD,
CC $10,215

05/04/2006 **Data is not available at the time of transmission.**

05/03/2006 **WELL EVENT NOT STARTED.**

05/02/2006 **WELL EVENT NOT STARTED.**

05/01/2006 **WELL EVENT NOT STARTED.**

04/30/2006 **WELL EVENT NOT STARTED.**

04/29/2006 **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:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
4/8/2013	☐ 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.

Effective 4/1/13

Please contact the undersigned if there are any questions.

RECEIVED
APR 09 2013
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)
Effective 1-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)
Effective 1-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