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

5. LEASE DESIGNATION AND SERIAL NO.: ML-45805

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.: Helper State A-14

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1268 FSL 1672 FWL, SW Section 11, T14S R10E
At proposed prod. zone: 1268 FSL 1672 FWL, SW Section 11, T14S R10E

519,615 E
4,385,290 N

9. API WELL NO.:

10. FIELD AND POOL OR WILDCAT: Helper CBM

11. SEC. T,R,M, OR BLK. AND SURVEY OR AREA: Section 11, T14S R10E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 2 miles NE of Price, Ut

12. COUNTY: Carbon

13. STATE: Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1268

16. NO. OF ACRES IN LEASE: 2440

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.: 2500'

19. PROPOSED DEPTH: 2000

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5806' GR

22. APPROX. DATE WORK WILL START: 06/15/1999

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" K-55	24	300'	200 cu. ft.
7 7/8"*	5½ N-80	17	2000	300 cf

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.

* Revised 7-8-99 Per Judy D. 7-12-99

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.

CONFIDENTIAL

RECEIVED
MAY 26 1999
DIV. OF OIL, GAS & MINING

24. SIGNED: Judy Davidson TITLE: Judy Davidson, Regulatory Analyst DATE: 05/24/1999

(This space State office use.)

PERMIT NO. 43-007-30571 APPROVAL DATE

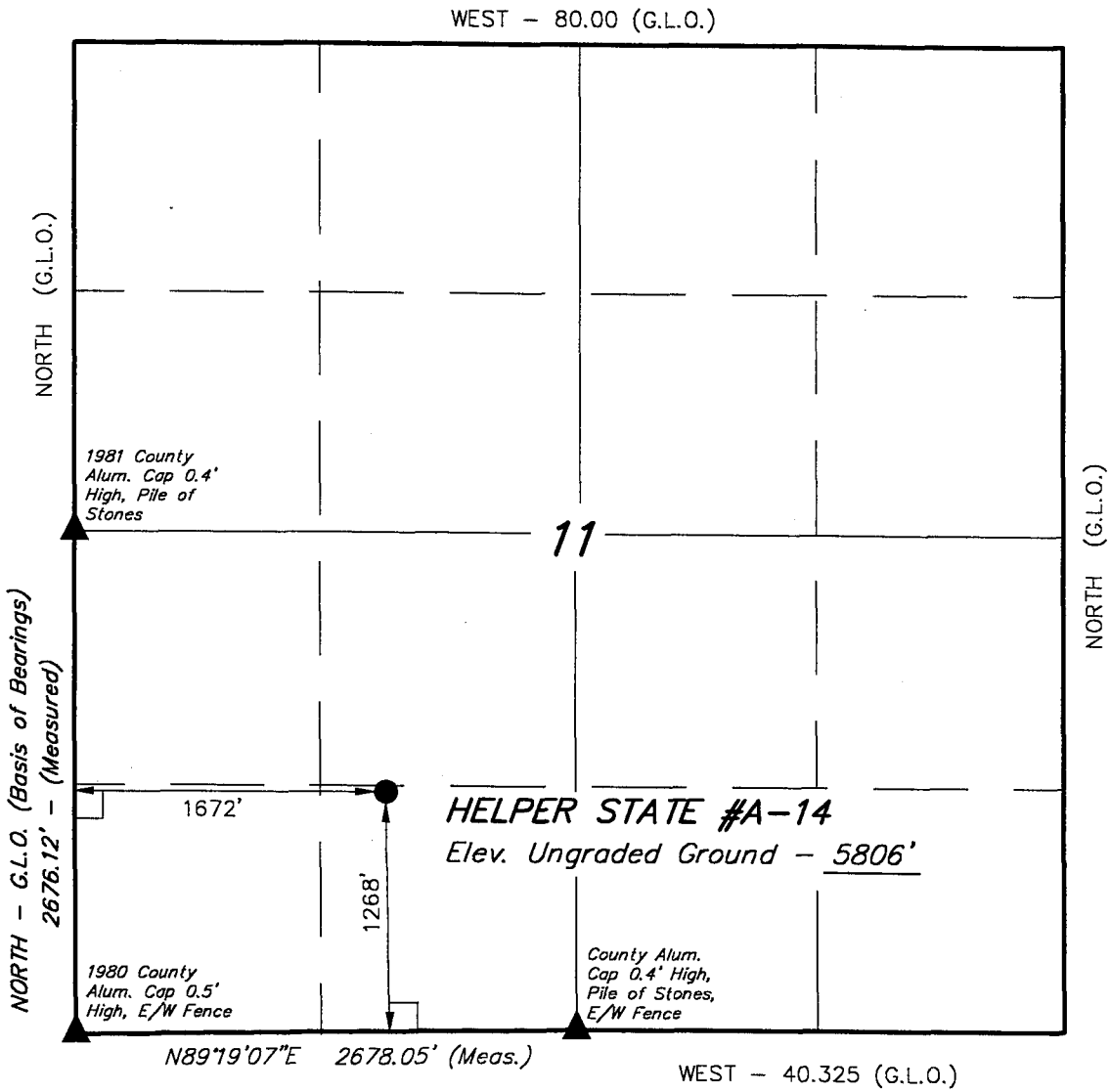
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations theron.

CONDITIONS OF APPROVAL IF ANY:

APPROVED BY: Bradley G. Hill TITLE: BRADLEY G. HILL RECLAMATION SPECIALIST III DATE: 7/19/99

See Instructions On Reverse Side

T14S, R10E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

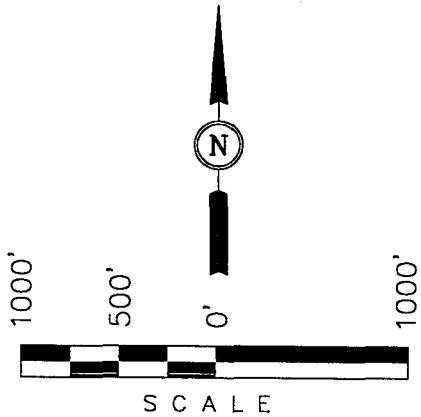
▲ = SECTION CORNERS LOCATED.

ANADARKO PETROLEUM CORP.

Well Location, HELPER STATE #A-14, located as shown in the SE 1/4 SW 1/4 of Section 11, T14S, R10E, S.L.B.&M. Carbon County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 11, T14S, R10E, S.L.B.&M. TAKEN FROM THE PRICE QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5741 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

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

SCALE 1" = 1000'	DATE SURVEYED: 11-5-98	DATE DRAWN: 11-12-98
PARTY K.K. T.A. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ANADARKO PETROLEUM CORP.	

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

May 24, 1999

Anadarko

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
Carbon County

Gentlemen:

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

Helper State A-14
Helper State A-15
Helper State E-1
Helper State E-2
SE Investments A-1

Estimated start-up date to begin drilling the first well is on or about June 15, 1999. Please call me at (281) 874-8766 if you require further information or have any questions.

Sincerely,

Judy Davidson
Regulatory Analyst

JD/me
enclosures

RECEIVED
MAY 26 1999
DIV. OF OIL, GAS & MINING

DRILLING PLAN
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL

Company: Anadarko Petroleum Corporation

Well: Helper State A-14

Location: 1268' FSL & 1672' FWL
T14S R10E Sec 11
Carbon County, Utah

Lease: 430070009300

Surface Elevation: 5806

A. Estimated Tops of Important Geologic Markers:

GEOLOGIC MARKER	DEPTH
Emery	Surface
Bluegate Shale	356
Ferron SS Member	1456
Ferron Coal Top	1471
Base of Ferron Coal	1601
Tununk Shale	1691

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: 1456 - 1601.

All fresh water zones and prospectively valuable mineral zones encountered during drilling will be recorded by depth and adequately protected. All significant 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.

The cement program will be modified to cover and adequately protected the Mancos Shale if water is encountered while drilling.

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.

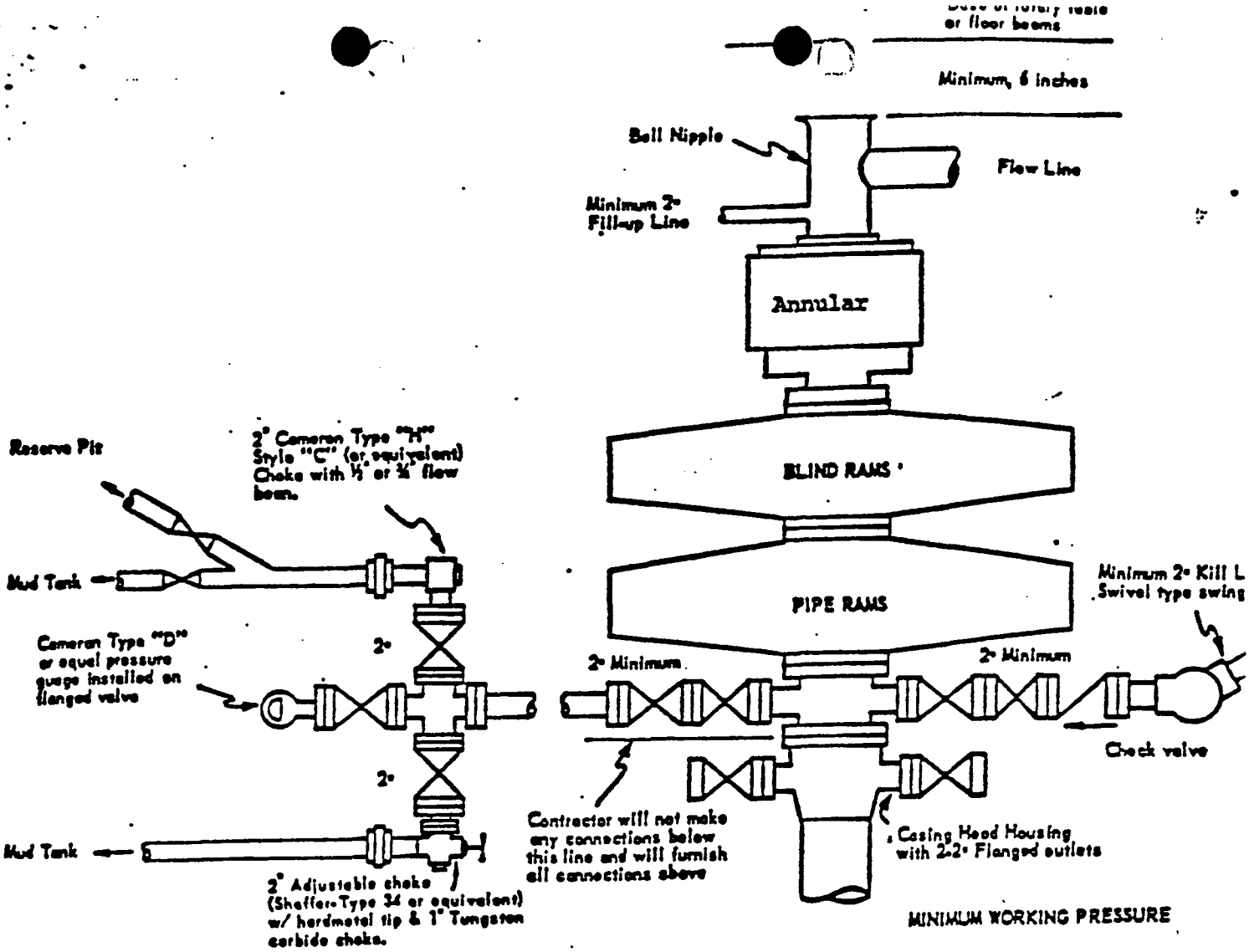
c. The following logging program is planned:
   1. SDL-GR-CAL over prospective intervals..
   2. DIL- SP-GR-CAL over prospective intervals

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.

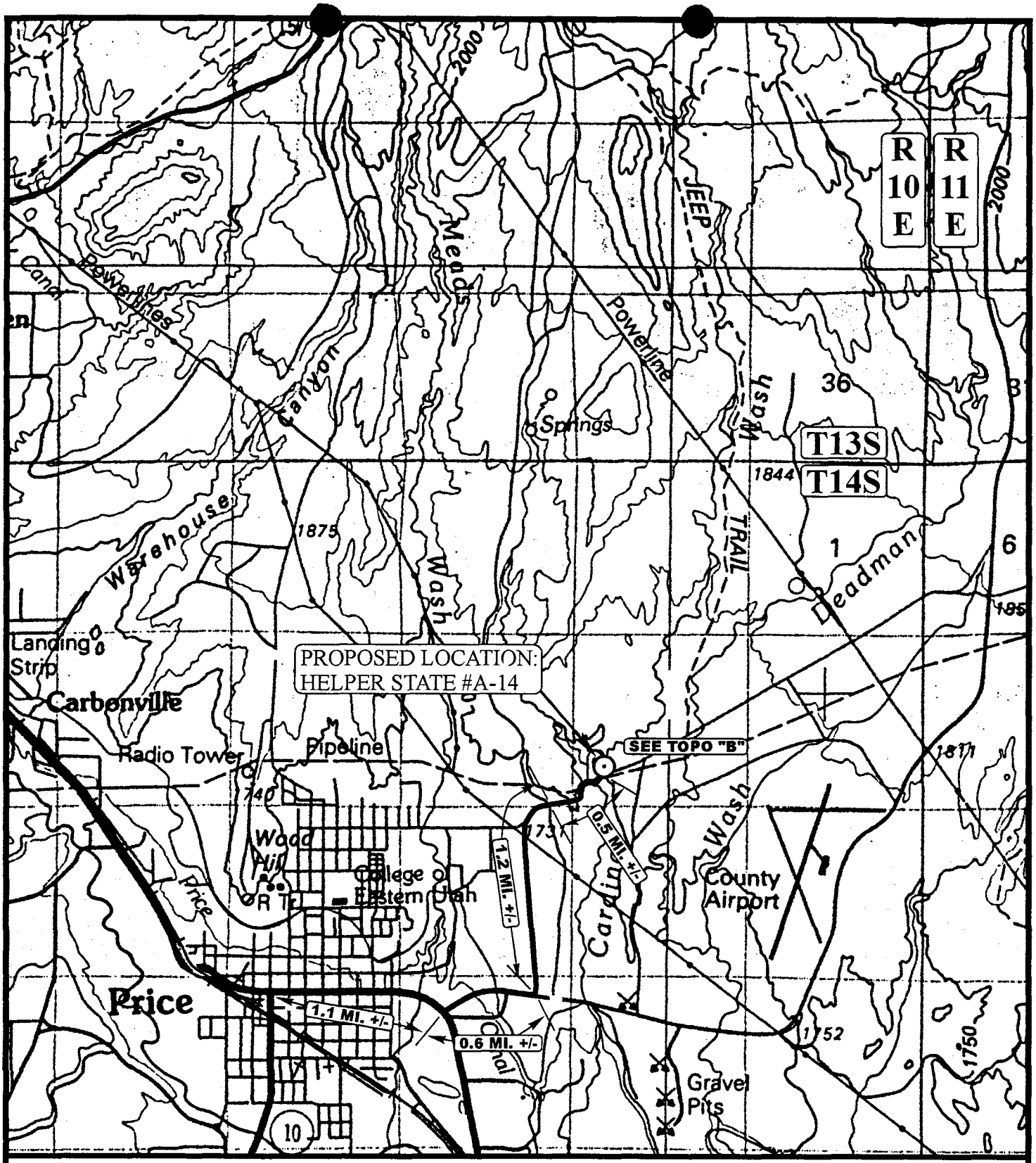
H. Abnormal Conditions and Potential Hazards:

Abnormal conditions such as abnormal temperatures or pressures are not anticipated. Reservoir pressure is only anticipated to be 1200 psi. Potential hazards such as H2S are also not anticipated.



Anadarko Petroleum Corporation

MINIMUM BLOWOUT PREVENTER REQUIREMENTS - NORMAL PRESSURE SERVICE



LEGEND:

⊙ PROPOSED LOCATION

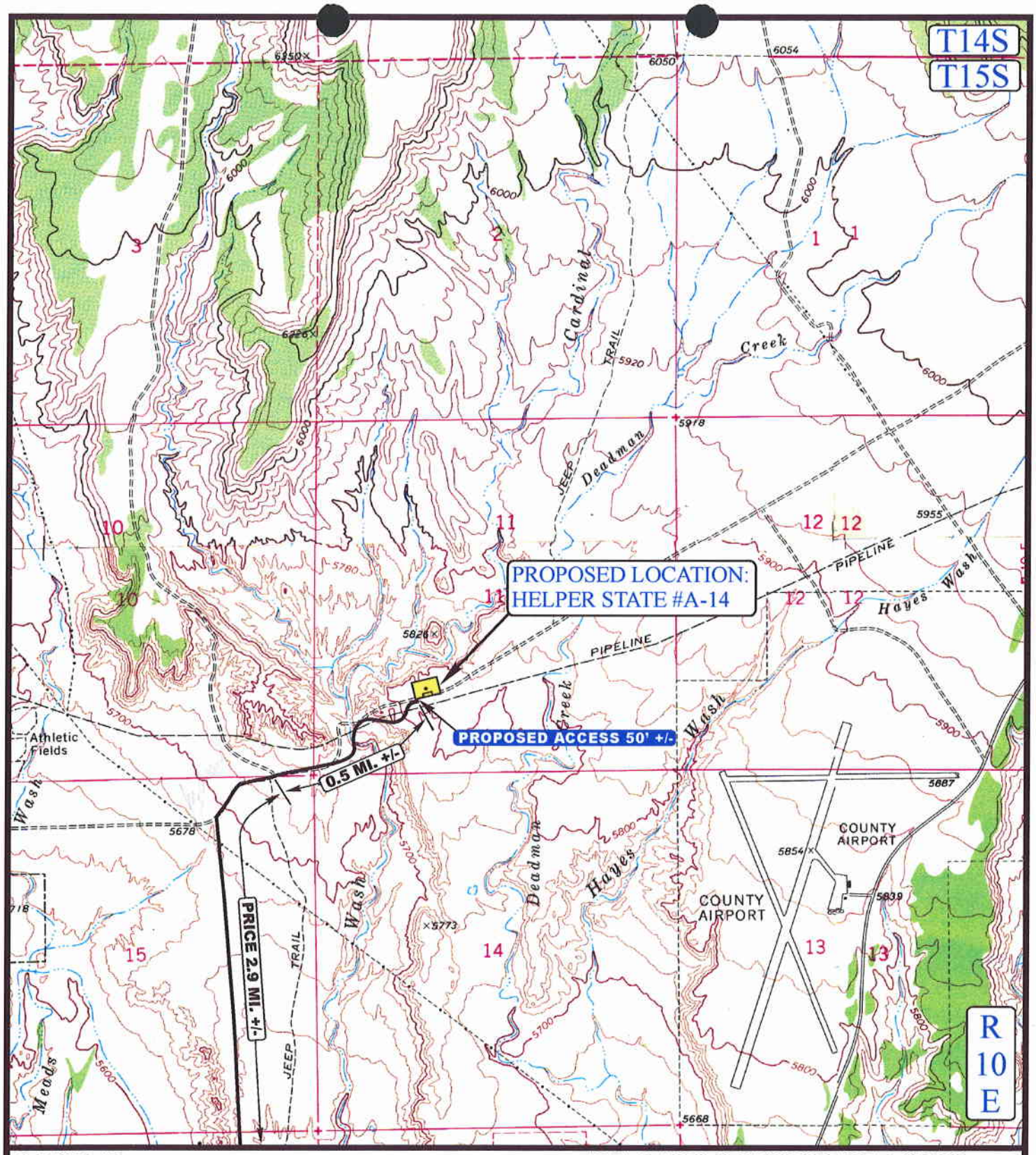
N

ANADARKO PETROLEUM CORP.

HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1018

TOPOGRAPHIC MAP	11 MONTH	9 DAY	98 YEAR	A TOPO
SCALE: 1" = 4000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

- - - - - - - - - - PROPOSED ACCESS ROAD

——— EXISTING ROAD

N

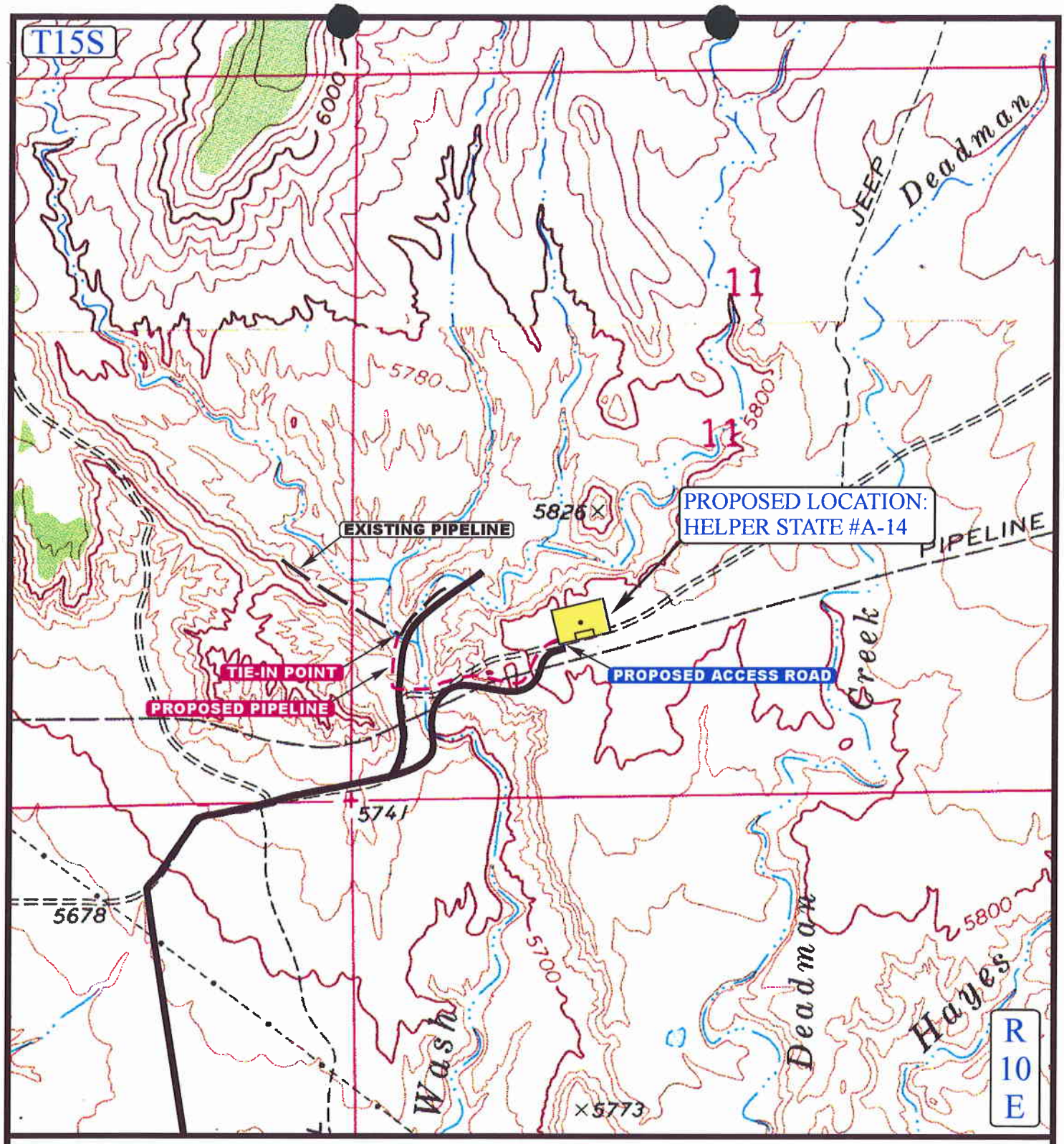
ANADARKO PETROLEUM CORP.

HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

UEIS

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

TOPOGRAPHIC MAP	11 MONTH	9 DAY	98 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1750' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

N

ANADARKO PETROLEUM CORP.

HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

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

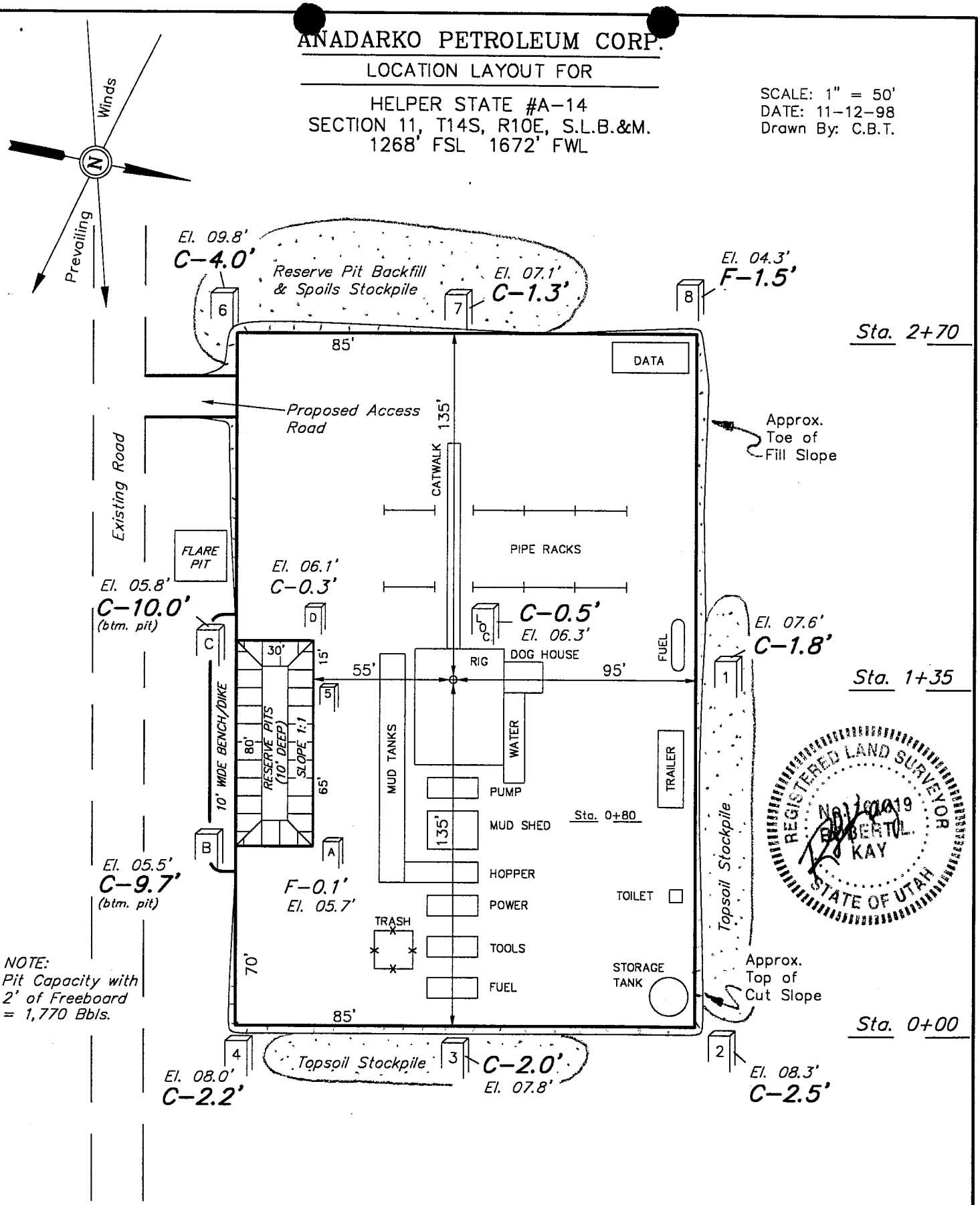
TOPOGRAPHIC MAP	11 MONTH	9 DAY	98 YEAR	C TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

SCALE: 1" = 50'
DATE: 11-12-98
Drawn By: C.B.T.



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

ELEV. UNGRADED GROUND AT LOC. STAKE = **5806.3'**
ELEV. GRADED GROUND AT LOC. STAKE = **5805.8'**

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

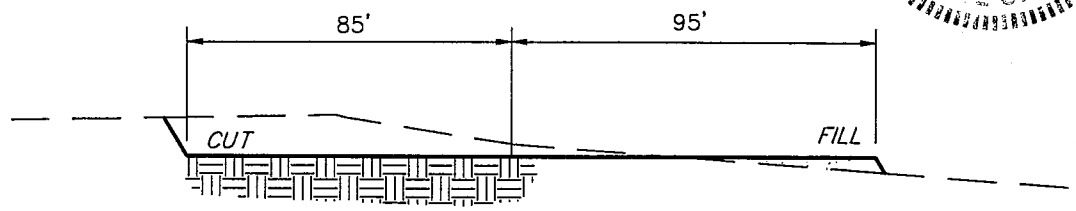
ANADARKO PETROLEUM CORP.

TYPICAL CROSS SECTIONS FOR

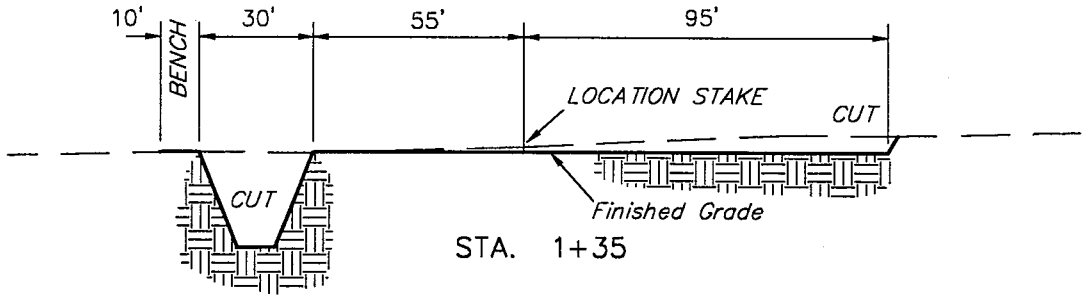
HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

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

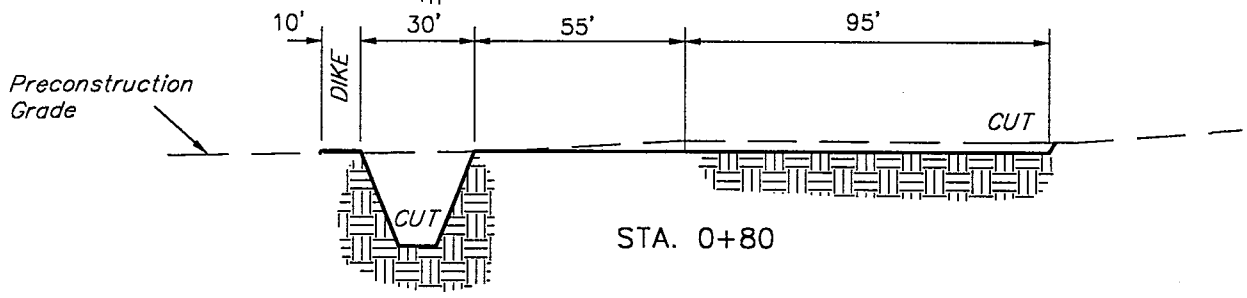
DATE: 11-12-98
Drawn By: C.B.T.



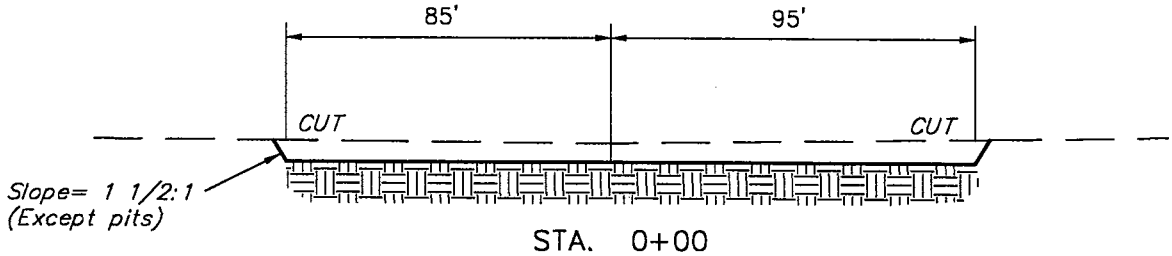
STA. 2+70



STA. 1+35



STA. 0+80



STA. 0+00

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	900 Cu. Yds.
Remaining Location	=	2,300 Cu. Yds.
TOTAL CUT	=	3,200 CU.YDS.
FILL	=	190 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	3,000 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,170 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	1,830 Cu. Yds.

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

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

June 8, 1999

Anadarko

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

RECEIVED
JUN - 9 1999
DIV. OF OIL, GAS & MINING

RE: Surface Owners for State Wells
Fresh Water Source

Dear Lisha:

Following are the surface owners for the wells in Carbon County, Utah.

SE Investments	Corp of Bishop LDS Church Real Estate Division, 12th Floor 50 East North Temple Salt Lake City, Utah 84150-5670
Helper State A-14 Helper State A-15 Helper State E-1 Helper State E-2	State of Utah Division of State Lands 355 West North Temple, Suite 400 Salt Lake City, Utah 84180

Anadarko will truck in fresh water from the city of Price or the Price River Water Improvement District while drilling these wells.

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

Sincerely,

Judy Davidson
Regulatory Analyst

JD/me

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/26/1999

API NO. ASSIGNED: 43-007-30571

WELL NAME: HELPER ST A-14
OPERATOR: ANADARKO PETROLEUM CORP (N0035)
CONTACT: Judy Davidson (281) 875-1101

PROPOSED LOCATION:
SESW 11 - T14S - R10E
SURFACE: 1268-FSL-1672-FWL
BOTTOM: 1268-FSL-1672-FWL
CARBON COUNTY
HELPER FIELD (018)

LEASE TYPE: STA
LEASE NUMBER: ML-45805
SURFACE OWNER: State

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /		
TECH REVIEW	Initials	Date
Engineering	RK	7-8-99
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Fed[] Ind[] Sta[✓] 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

___ R649-3-3. Exception

✓ Drilling Unit
Board Cause No: 241-1 (160')
Date: 1-2-98

___ R649-3-11. Directional Drill

COMMENTS: Need Presite. (Conducted 6-25-99)

STIPULATIONS: (1) Surface casing shall be cemented to surface
(2) STATEMENT OF BASIS

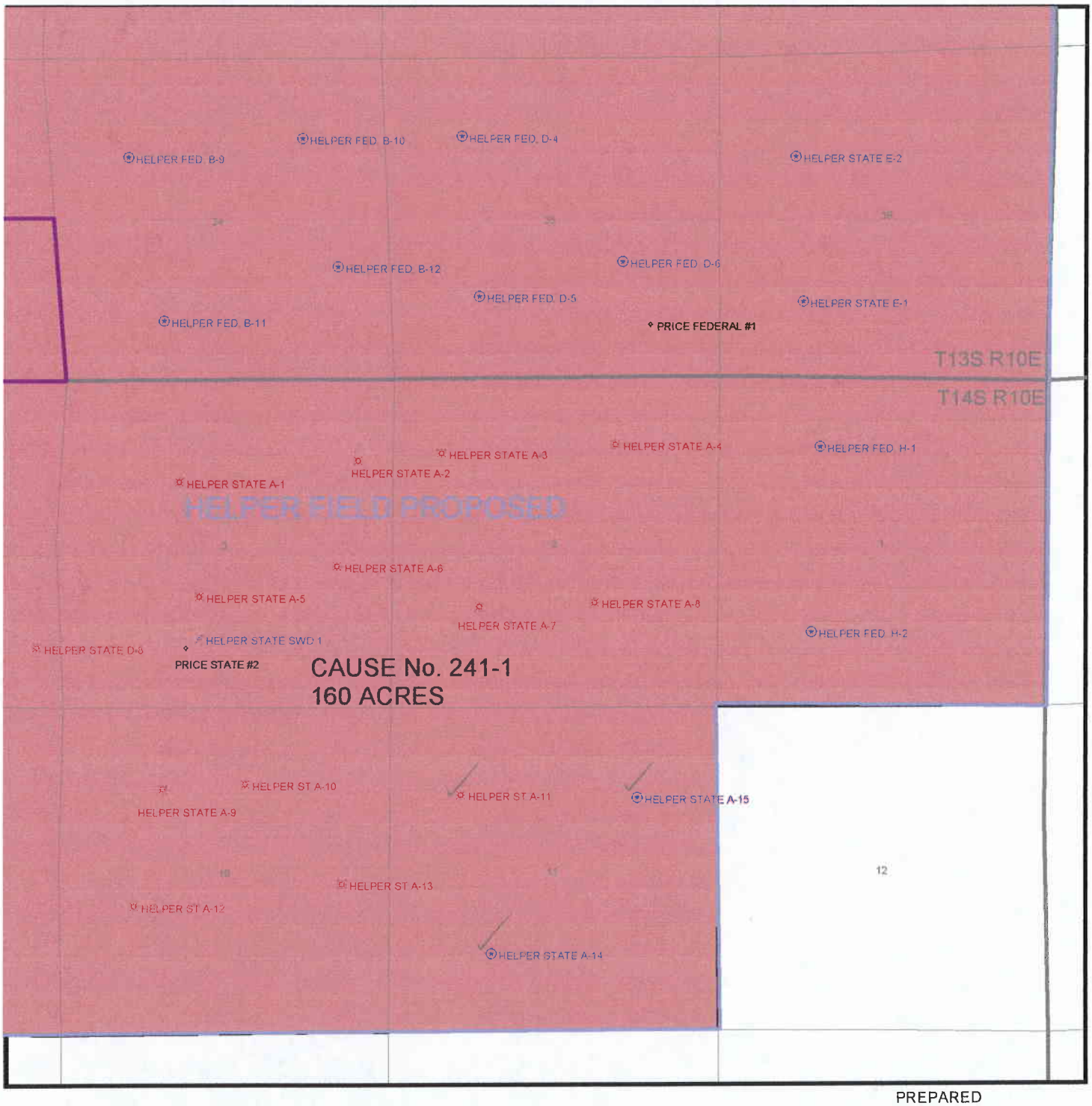
Division of Oil, Gas & Mining

OPERATOR: ANADARKO PETROLEUM CORP. (N0035)

FIELD: HELPER PROPOSED (018)

SEC. 36, T13S, R10E, & SEC. 11, T14S, R10E

COUNTY: CARBON CAUSE No. 241-1 160 ACRES



PREPARED
DATE: 27-MAY-1999

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

Operator Name: Anadarko Petroleum Corp
Name & Number: Helper State A-14
API Number: 43 - 007 - 30571
Location: 1/4,1/4 SESW Sec. 11 T. 14 S R. 10 E

Geology/Ground Water:
There are no aquifers with high quality ground water expected to be encountered. The proposed casing and cement program should adequately isolate any zones of water penetrated.

Reviewer: Christopher Kierst **Date:** 6/30/99

Surface:
The moderately-permeable soil and nearby affected population militates the need for the protection of a lined pit. The water of a Deadman Spring (which doesn't appear on the topo map) has been filed on for a stock watering right. Water in nearby Deadman Creek has also been filed on for stock watering. These filings occur about ½ mile to the southeast. Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. No water rights are otherwise recorded within ½ mile radius of the well site. 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. Gathering systems will follow access roads. No power lines are needed for this location.

Reviewer: Christopher Kierst **Date:** 6/30/99

Conditions of Approval/Application for Permit to Drill:

1. Recommend culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
2. Berm location and pit.
3. Site infrastructure as per modified drilling location plat.
4. Minimum 12 mil synthetic lined pit.
5. Soil storage as per modified drilling location plat.

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

OPERATOR: Anadarko Petroleum Corporation
WELL NAME & NUMBER: Helper State A-14
API NUMBER: 43-007-30571
LEASE: State ML - 45805 FIELD/UNIT: Helper Field (018)
LOCATION:1/4,1/4 SESW Sec: 11 TWP: 14 S RNG: 10 E 1268 FSL 1672 FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): X = 519,615; Y = 4,385,290

SURFACE OWNER: SITLA

PARTICIPANTS

C. Kierst (DOGM), Jim Hartley (Anadarko), C. Colt (DWR), T Hentine (Uintah Engineering, D Wilcox (Neilson Construction).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~5 miles south of the 1000-1500' Book Cliffs. Nearby, shallow canyons (200-250' deep) incise the pediments forming low benches north and east of Price, UT, below the Book Cliffs. The pediments slope gently to the south. The benches and upper reaches of the canyons are generally floored with pediment mantle and the lower reaches of the canyons are generally floored with slope wash. The location is set on the bank ~ 350' southeast of Cardinal Wash, ~1 mile east of the City of Price and 3/4 mile west northwest of the county airport. It is ~2000' west of Deadman Creek.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing, recreation and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 270' X 180' pad with 80' X 30' X 10' pit included as part of the location. ~50' of new access road. Reserve pit backfill pile (west side) and topsoil stockpiles (east and north sides) will be stored outboard of the pad.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 1 proposed Anadarko CBM well and 3 producing Anadarko CBM wells.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Gathering system will follow approach road until it diverges for ~800' to tie in to an existing pipeline.

SOURCE OF CONSTRUCTION MATERIAL: Native material will be used to gravel approach road and location. Any additional needs will be met by quarrying from Anadarko's own permitted gravel pit.

ANCILLARY FACILITIES: none needed

WASTE MANAGEMENT PLAN:

Portable toilets will be emptied into City sewerage treatment system;

garbage containers on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Reserve pit will be dried after use and then buried. Water produced during testing and completion will be stored in a lined temporary reserve pit and subsequently injected into a salt water disposal well.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAINS AND/OR WETLANDS: Price Canal is ~1.25 miles southwest and the Price River is ~2.5 miles southwest. A spring emerges from the base of the pediment mantle about 2 miles north northwest of the location.

FLORA/FAUNA: Sagebrush, prickly pear cactus, grasses, snakeweed / birds, coyotes, rodents, elk, deer, reptiles.

SOIL TYPE AND CHARACTERISTICS: Sandy, cobbled, moderately-permeable soil on Quaternary/Tertiary Pediment Mantle which overlies the existing Blue Gate Shale Member of the Cretaceous Mancos Shale.

SURFACE FORMATION & CHARACTERISTICS: Quaternary/Tertiary Pediment Mantle. Light brown, brown, gray, or reddish-brown, unconsolidated, massively-bedded sediments consisting of clays, silts, sands, pebbles, and cobbles in a poorly sorted mixture. Below the pediment mantle veneer is the Blue Gate Member of the Mancos Shale. Light Grey to light tan, bentonitic shale.

EROSION/SEDIMENTATION/STABILITY: Stable ground.

PALEONTOLOGICAL POTENTIAL: None Observed

RESERVE PIT

CHARACTERISTICS: 80' X 30' X 10' excavated pit, bermed to deflect runoff.

LINER REQUIREMENTS (Site Ranking Form attached): Minimum 12 mil synthetic liner

SURFACE RESTORATION/RECLAMATION PLAN
As per SITLA agreement.

SURFACE AGREEMENT: On file with state.

CULTURAL RESOURCES/ARCHAEOLOGY: Cleared and on-file.

OTHER OBSERVATIONS/COMMENTS
Water will be obtained from a metered City hydrant. Power lines are not necessary because the pumpjack is gas fueled. Drill site layout modified.

ATTACHMENTS:
4 photos were taken of this site. (15-18)

Christopher Kierst	6/25/99 11:18 AM
DOGM REPRESENTATIVE	DATE/TIME

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

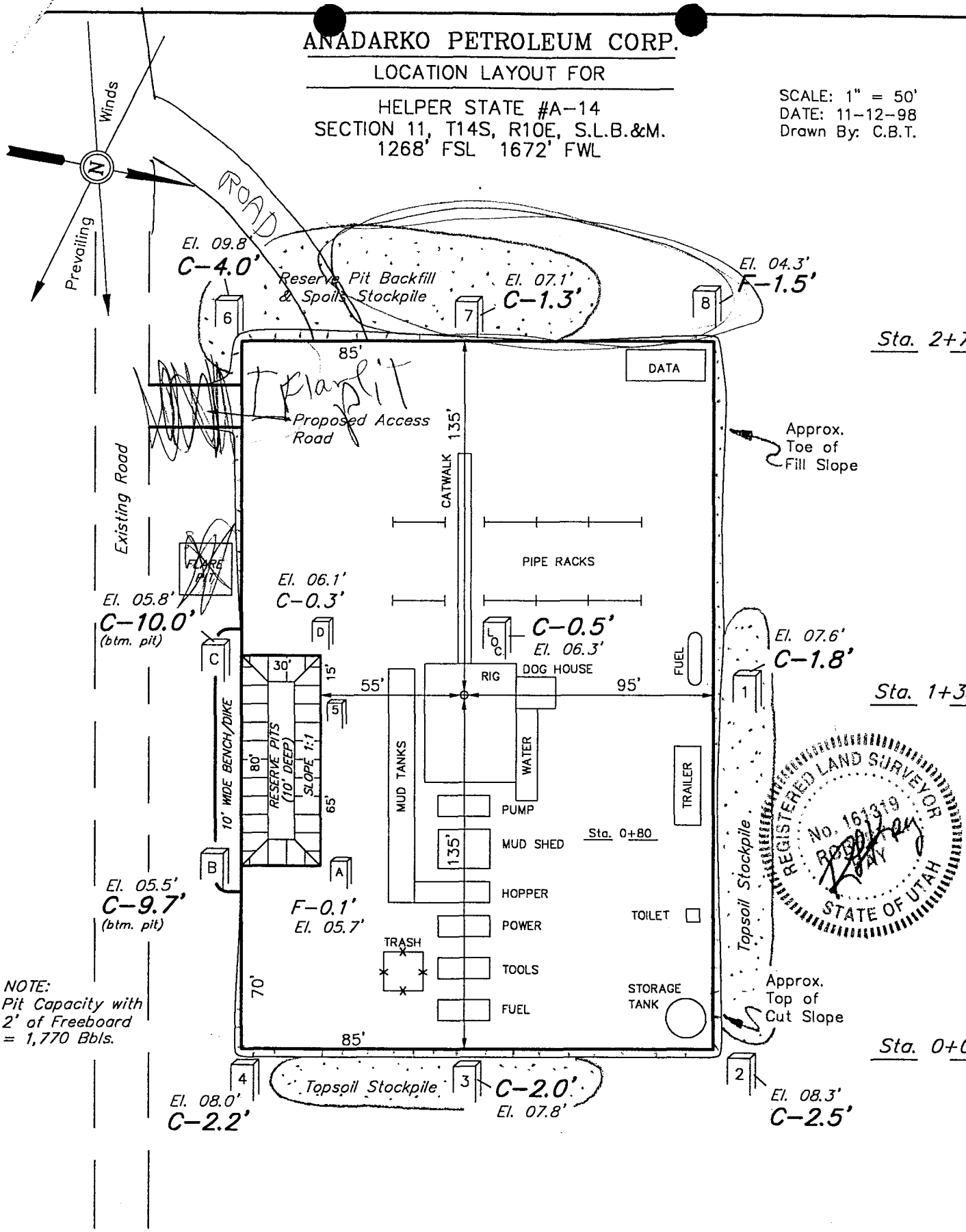
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	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	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		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	10
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0
Final Score (Level I sensitivity)		25

ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

HELPER STATE #A-14
SECTION 11, T14S, R10E, S.L.B.&M.
1268' FSL 1672' FWL

SCALE: 1" = 50'
DATE: 11-12-98
Drawn By: C.B.T.



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

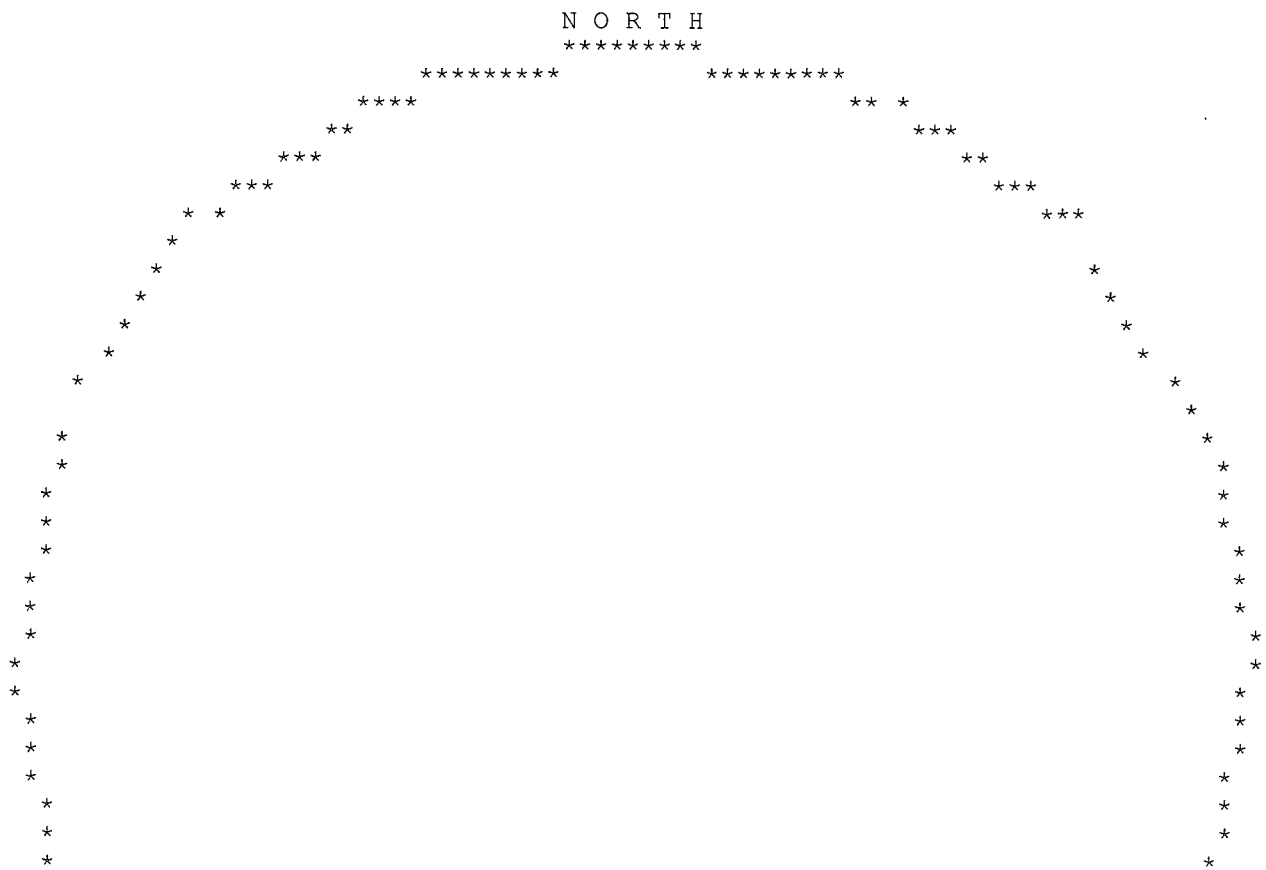
ELEV. UNGRADED GROUND AT LOC. STAKE = 5806.3'
ELEV. GRADED GROUND AT LOC. STAKE = 5805.8'

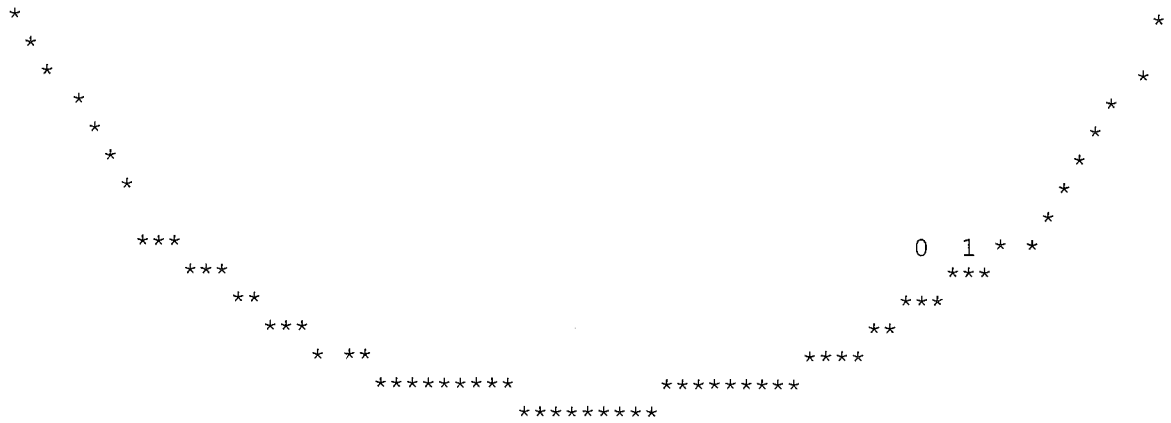
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED FRI, JUN 18, 1999, 5:08 PM
PLOT SHOWS LOCATION OF 3 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 2640 FEET FROM A POINT
N 1268 FEET, E 1672 FEET OF THE SW CORNER,
SECTION 11 TOWNSHIP 14S RANGE 10E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET





UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M
0	91 4313	.0150	.00	Deadman Spring			S 630	E 460	N4	14	14S	10E	SL
	WATER USE(S): STOCKWATERING								PRIORITY DATE: 00/00/18				
	Leautaud, Albert								Price				
1	91 4314	.0000	.00	Deadman Wash									
	WATER USE(S): STOCKWATERING								PRIORITY DATE: 00/00/18				
	Leautaud, Albert								Price				
1	91 4149	.0000	.00	Unnamed Stream									
	WATER USE(S): STOCKWATERING								PRIORITY DATE: 00/00/18				
	Leautaud, Albert				Box 321G Rt. #1				Price				

Well name:	**799 Anadarko Helper ST A-14**
Operator:	**Anadarko**
String type:	Surface
Project ID:	43-007-30571
Location:	Carbon County

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 18 psi
Internal gradient: 0.433 psi/ft
Calculated BHP 148 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: 257 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:	152 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	K-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	148	1370	9.26	148	2950	19.93	6	263	42.62 J

Prepared by: RJK
Utah Dept. of Natural Resources

Date: July 8,1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing shall be cemented to surface.
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 9.5 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:	**799 Anadarko Helper ST A-14**
Operator:	**Anadarko**
String type:	Production
Project ID:	43-007-30571
Location:	Carbon 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 865 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: 1,747 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	103 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	368 ft
Cement top:	938 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	2000	5.5	17.00	N-80	LT&C	2000	2000	4.767	68.9

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	865	6290	7.27	865	7740	8.94	30	348	11.72 J

Prepared by: RJK
Utah Dept. of Natural Resources

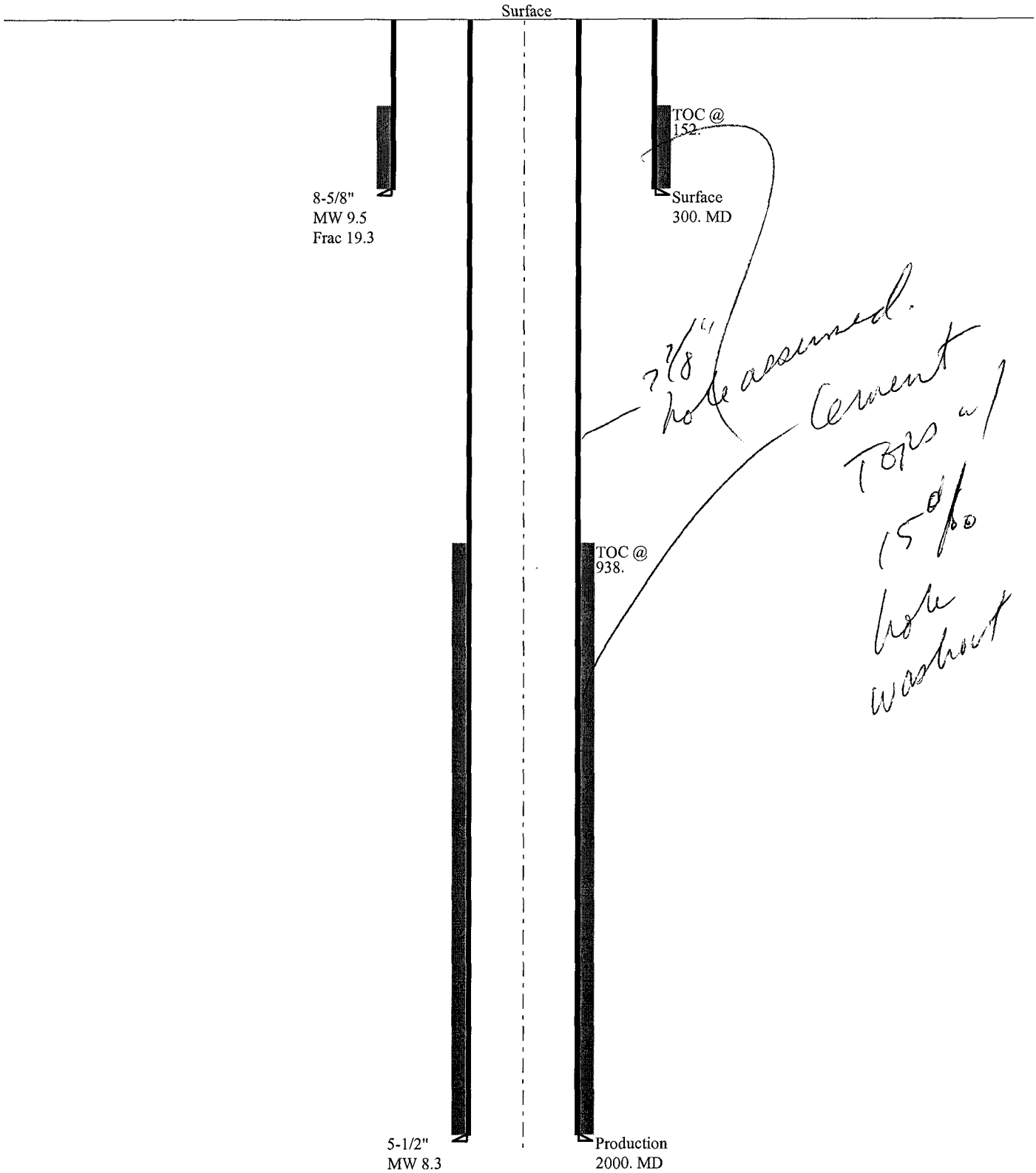
Date: July 8,1999
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing shall be cemented to surface.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 2000 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.

799 Anadarko Helper ST A[illegible]4

Casing Schematic



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)

July 19, 1999

Anadarko Petroleum Corporation
17001 Northchase Drive
Houston, Texas 77060

Re: Helper State A-14 Well, 1268' FSL, 1672' FWL, SE SW, Sec. 11, T. 14 S., R. 10 E., Carbon County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30571.

Sincerely,

John R. Baza
Associate Director

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

Operator: Anadarko Petroleum Corporation

Well Name & Number: Helper State A-14

API Number: 43-007-30571

Lease: State **Surface Owner:** State

Location: SE SW **Sec.** 11 **T.** 14 S. **R.** 10 E.

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. Surface casing shall be cemented to surface.

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 CO

Well Name: HELPER ST A-14

Api No. 43-007-30571 Lease Type: STATE

Secton 11 Township 14S Range 10E County CARBON

Drilling Contractor _____ RIG # _____

SPUDDED:

Date 08/04/99

Time 1:00 PM

How DRY HOLE

Drilling will commence _____

Reported by JIM HARLEY

Telephone # 435-636-5218

Date 08/04/99 Signed: BGH / CHD

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)

25 June, 1999

On-site Gas Well Inspections

CONFIDENTIAL

Anadarko

- *Helper State A-15*: This proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. No other concerns. 43-007-30572 Sec. 11, 14S, 10E

- *Helper State A-14*: This proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. No other concerns. 43-007-30571 Sec. 11, 14S, 10E

- *Helper State E-1*: This proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. No other concerns. 43-007-30573 Sec. 36, 13S, 10E

- *Helper State E-2*: This well site is 0.28 miles from golden eagle nest #296 (tended in 1999). Nevertheless, we suggest granting an exception for this site based on the following: there is an existing road (2 track road-infrequently traveled), the nest is >1/4 mile from the well site, and it is out of line of sight. Also, this proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. No other concerns.
  43-007-30574 Sec. 36, 13S, 10E

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SEP 15 1999
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Anadarko Petroleum Corporation

ADDRESS P. O. Box 1330
Houston, Texas 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	12612	43-007-30571	Helper State A-14		11	14S	10E	Carbon	08-24-99	
WELL 1 COMMENTS: 991029 entity added. KDR											
					CONFIDENTIAL						
A	99999	12613	43-007-30572	Helper State A-15		11	14S	10E	Carbon	08-26-99	
WELL 2 COMMENTS: 991029 entity added. KDR											
					CONFIDENTIAL						
A	99999	12614	43-007-30574	Helper State E-2		36	13S	10E	Carbon	08-29-99	
WELL 3 COMMENTS: 991029 entity added. KDR											
					CONFIDENTIAL						
A	99999	12615	43-007-30573	Helper State E-1		36	13S	10E	Carbon	08-31-99	
WELL 4 COMMENTS: 991029 entity added. KDR											
					CONFIDENTIAL						
A	99999	12616	43-007-30586	Harmond A-1		7	14S	10E	Carbon	09-04-99	
WELL 5 COMMENTS: 991029 entity added. KDR											
					CONFIDENTIAL						

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 10-28-99
Title Date
Phone No. (281) 874-8766

OCT 28 '99 10:56 FR ANADARKO PETROLEUM 281 876 8323 TO 918013593940 P.02/05

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

November 5, 1999

Anadarko

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Well Completion Reports (Form 8)
Helper State A-14
Helper Field
Carbon County, Utah

Gentlemen:

Please find enclosed, in triplicate, Well Completion Report (Form 8), wellbore diagram, and a log for the above referenced well.

Should you require any additional information, please contact me at (281) 873-3899.

Best regards,

ANADARKO PETROLEUM CORPORATION

April A. Leger

April A. Leger
Sr. Technical Assistant

Enclosures

cc: Bureau of Land Management
Moab District Office
P.O. Box 970
Moab, Utah 84532

Bureau of Land Management
Price River Resources Area
900 North, 700 East
Price, Utah 84501

AAL
TRC – well files
SMF

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NOV 12 1999
DIV. OF OIL, GAS & MINING

FORM 8

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.: ML 45805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Helper State

9. WELL NO.: A-14

10. FIELD AND POOL, OR WILDCAT: Helper CBM

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 11, T14S, R10E

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

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

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)
At surface: 1268' FSL & 1672' FWL, SW Section 11-14S,R10E
At top prod. interval reported below: Same
At total depth: Same

RECEIVED NOV 12 1999 DIV. OF OIL, GAS & MINING

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-007-30571	07/19/99	Carbon	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.* or *Plug & Abd.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	19. ELEV. CASINGHEAD
08/24/99	08/25/99	9/30/99	5806' G.L. 5818' K.B.	5806' GL

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
1977'	1920'	No	→	0-1977'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): Ferron Coal (1426' - 1618')

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL/GR/CALP/DRHO/DP/SMP

27. Was Well Cored YES [ ] NO [X] (*Submit analysis*)
Drill System Test YES [ ] NO [X] (*See reverse side*)

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	302'	12 1/4"	150 sxs cement	None
5 1/2"	17#	1977'	7 7/8"	210 sxs cement	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1693'	1660'

31. PERFORATION RECORD (*Interval, size and number*)

1426-1430 (24)
1446-1450 (24)
1472-1478 (36) 6 SPF w/ 0.8 EHD
1524-1528 (24)
1549-1552 (18)
1612-1618 (36)
162 Total Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1426'-1618' OA	Frac w/136,000 # 16/30 SD
	Flush w/2814 GALS Water

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping - size and type of pump*)	WELL STATUS (*Producing or shut-in*)
10/02/99	Pumping- Rod Pump 2" x 1-1/2" x 12'	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10/02/99	24	None	→	0	20	150	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
N/A	50	→	0	20	150	N/A

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

CONFIDENTIAL PERIOD EXPIRED ON 10-30-00

TEST WITNESSED BY: Jim Hartley, Anadarko

35. LIST OF ATTACHMENTS: Wellbore Diagram & Log

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

SIGNED [signature] TITLE Shad Frazier, Production Engineer DATE 11/08/99

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in iten 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
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).

Formation	Top	Bottom	Description, contents, etc.
Ferron Coal	1400	1700	

38. GEOLOGIC MARKERS

Name	Top	
	Meas. Depth	True Vert. Depth
Emery/Mancos		Surface
Ferron Sandstone		1400
Tununk Shale		1700

CONFIDENTIAL

State A-14

1268 FSL & 1672 FWL Sec 11-14S-10E

API: 43-007-30571

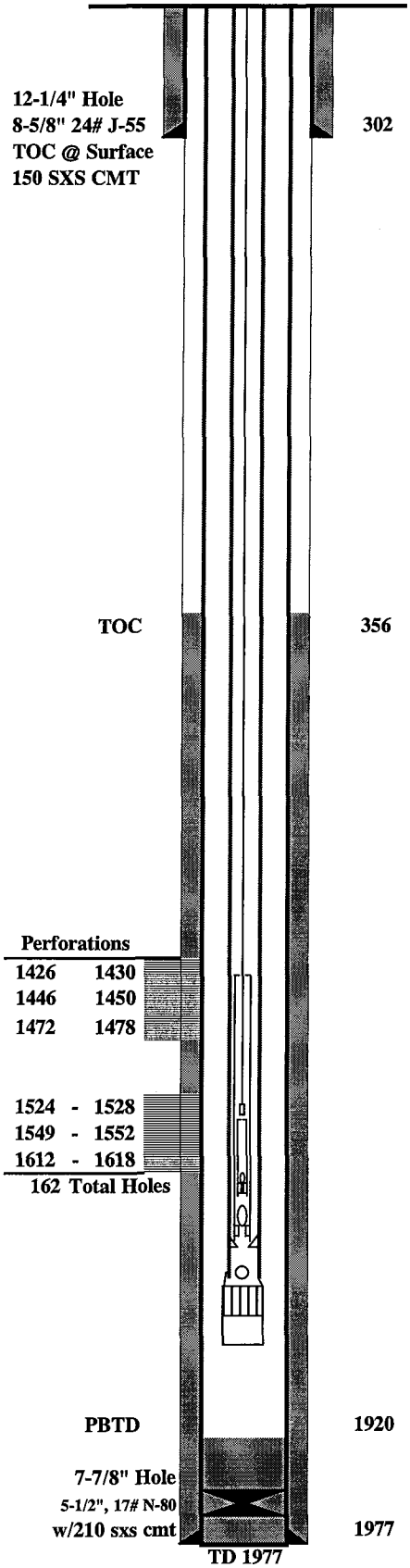
LAST REVISED: 11/04/1999

Anadarko Petroleum Corporation

	SPUD	RIG OFF
SURFACE	08/24/1999	08/25/1999
PRODUCTION		

WI% 100% NRI% 87.50000%

5806 GL KB 5818



DATE	WELL WORK HISTORY

NOTES:

SURFACE STRING

8 5/8 24# J-55 set @ 302 Total Capicity: 19 bbl

CEMENT: Type: Class G

Volume: 150 sxs Calc. Top: Surface

PRODUCTION STRING FC@ 1950 Burst: 7740 psi

5.5" 17# - set @ 1977 FS@ 1950 Collapse 6280 psi

Hole Size: 7 7/8 TD: 1977 Capacity 0.0232 bbl/ft

CEMENT: Class G Type: 14.2 ppg Number of Joints 47

Volume: 210 sxs

TUBING & TOOLS I.D 1.997 Burst: 11199 psi

2 3/8" 4.7 # 8rd EUE EOT @ 1693 Collapse 11776 psi

Disc: Capacity 0.00387 bbl/ft

ROD STRING 3/4 Rods

7/8" Rods

1 1/2" Rods

DEVIATION ANGLE	
1580	2 1/2

FORMATION	TOP	KB 5818
FERRON SS	1400	4418
FERRON COAL	1445	4373
TUNUNK SHALE	1700	4118
Gross Coal	24	

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)

November 30, 1999

Shad Frazier
Production Engineer
Anadarko Petroleum Corporation
17001 Northchase Dr
Houston Tx 77060

Re: Submittal of CBL Logs

Dear Mr Frazier:

We have received the Well Completion Reports for the wells listed below. The Well Completion Reports indicates that the following logs were run: **CBL/GR/CALP/DRHO/DP/SMP.** Please submit a copy of the **CBL Log** for these wells to our office as soon as possible. We have received the other logs mentioned.

HELPER STATE E-1; Sec 36, T13S R10E; API# 43-007-30573; Carbon County
HELPER STATE E-2; Sec 36, T13S R10E; API# 43-007-30574; Carbon County
HARMOND A-1; Sec 07, T14S R10E; API# 43-007-30586; Carbon County
HELPER STATE A-14; Sec 11, T14S R10E; API# 43-007-30571; Carbon County
HELPER STATE A-15; Sec 11, T14S R10E; API# 43-007-30572; Carbon County
MILLER CREEK STATE C-1; Sec 12, T16S R8E; API# 43-015-30410; Emery County

If you have any questions regarding this request, please contact me at (801) 538-5284.

Sincerely,

Carol Daniels

Carol Daniels
Oil & Gas Well Inf Specialist

cc: Log File

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

Anadarko

CONFIDENTIAL

December 8, 1999

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

Re: CBL Logs

Dear Ms. Daniels:

Enclosed is the all of the CBL logs you requested except for the Harmond A-1 and Miller Creek State C-1. Those two will follow next week, we are waiting on another copy.

Should you have any questions or require additional information, please feel free to contact me at this letterhead address or at (281) 873-3899.

Sincerely,

ANADARKO PETROLEUM CORPORATION

April A. Leger

April A. Leger
Sr. Engineering Technician

Enclosures-4 CBL Logs for Helper State E-1, E-2, A-14, & A-15

cc: AAL
TRC - well file

RECEIVED
DEC 13 1999
DIVISION OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45805
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Helper State A-14
9. API NUMBER: 43-007-30571
10. FIELD AND POOL, OR WILDCAT: Helper CBM

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Coal Bed Methane

2. NAME OF OPERATOR: Anadarko Petroleum Corporation

3. ADDRESS OF OPERATOR: 2515 Foothill Blvd. CITY Rock Springs STATE WY ZIP 82901 PHONE NUMBER: (307) 352-3303

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1268' FSL, 1672' FWL COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 11 14S 10E 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
10/1/2003	☐ 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: Gas Measurement
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Approval is requested for the use of Electronic Thermoflow Automate recorders for allocation of gas measurement on the above well. The Electronic Thermoflow recorders will be installed in accordance with the manufacturer's specifications and will meet Bureau of Land Management and State of Utah standards. The recorders will be electronic (Flow Automates) will record real time differential, static and temperature. All measurement will take place on the individual well location in accordance with Bureau of Land Management and Utah Division of Oil, Gas and Mining standards.

RECEIVED
OCT 0 1 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Robert S. Flansburg TITLE Measurement Supervisor
SIGNATURE Robert S Flansburg DATE 9/29/2003

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10/16/2003
BY: (See Instructions on Reverse Side)

COPY SENT TO OPERATOR
Date: 10-21-03
Initials: CHD

(5/2000)

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