

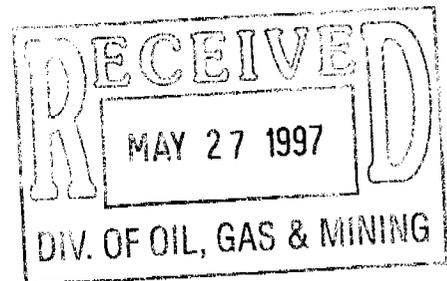
APPLICATION FOR PERMIT TO DRILL OR DEEPEN					
1 a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. Vea 1	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER - COALBED METHANE SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				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. Vea A-4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1670 FSL & 1335 FEL, SE Section 32, T13S R10E At proposed prod. zone 1670 FSL & 1335 FEL, SE Section 32, T13S R10E				9. API WELL NO. 10. FIELD AND POOL OR WILDCAT Helper CBM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 2 miles N 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)		16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL.		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE. FT.		19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START.	
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"	24	300'	200 cu. ft.	
7 7/8"	5 1/2"	17	3300'	300 cu. ft.	

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Attached is the following:

1. Survey Plat
 2. Drilling Plan with BOP Schematic.
 3. Surface Use Plan.
 4. Topo & Access Map & Area Map.
 5. Pit & Pad Layout with cross sections of pit, pad, & rig layout.
 6. Self-Certification of Operator.
 7. Sundry Notice - Location Exception
- The Cultural Resource Study will be submitted under separate cover.

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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 [Signature] TITLE Dave Hudspeth Staff Drilling Engineer DATE 5/22/97

(This space for Federal or State office use.)

PERMIT NO. 43-007-30356 APPROVAL DATE _____

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

APPROVED BY [Signature] TITLE RECLAMATION SPECIALIST III DATE 3/24/98

See Instructions On Reverse Side

**DRILLING PLAN
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL**

Company: Anadarko Petroleum Corporation

Well: Ve a A-4

Location: 1670' FSL & 1335' FEL
SE Sec 32-T13S-R10E

Lease: Ve a 1

Surface Elevation: 6168'

A. Estimated Tops of Important Geologic Markers:

<u>GEOLOGIC MARKER</u>	<u>DEPTH</u>
Mancos / Emery	Surface
Bluegate Shale	1668'
Ferron Sandstone	2668'
Ferron Coal Top	2698'
Base of Ferron Coal	2848'
Tununk Shale	2898'

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

Gas-bearing Ferron Coal is expected to be encountered from 2698'-2848'.

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. 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" casing will be set at approximately 300'.

Production Casing - 5-1/2" casing will be set at approximately 3300' if well is to be completed.

	<u>SIZE</u>	<u>WT./FT.</u>	<u>GRD.</u>	<u>THRD.</u>	<u>CONDITION</u>
Surface	8-5/8"	24.0	K-55	8rd	New
Production	5-1/2"	17.0	K-55	8rd	New

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

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.

E. Mud Program and Circulating Medium:

Fresh water circulated through the reserve pit will be used for drilling the 12-1/4" surface hole to 300'. An air or air/mist system will be used for drilling from below surface pipe at 300' to TD.

The mud system will be visually monitored.

A truck-mounted air drilling rig may 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.

Sufficient mud materials will be stored at the wellsite to maintain mud requirements and to control minor well control or lost circulation problems.

F. Coring, Logging, and Testing Program:

- a. Rotary sidewall coring in the Ferron Sandstone interval (2698'-2848') 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. DIL-ML-SP-GR-CAL over prospective intervals.
 - 2. SDL-CNL-GR-CAL over prospective intervals.

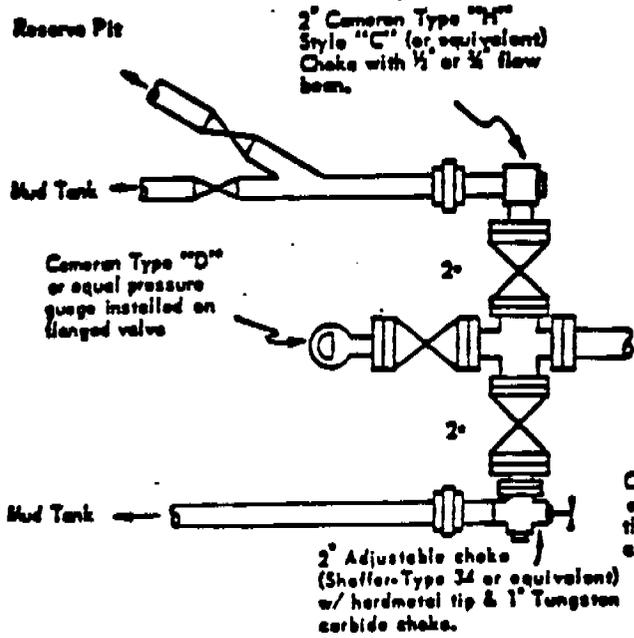
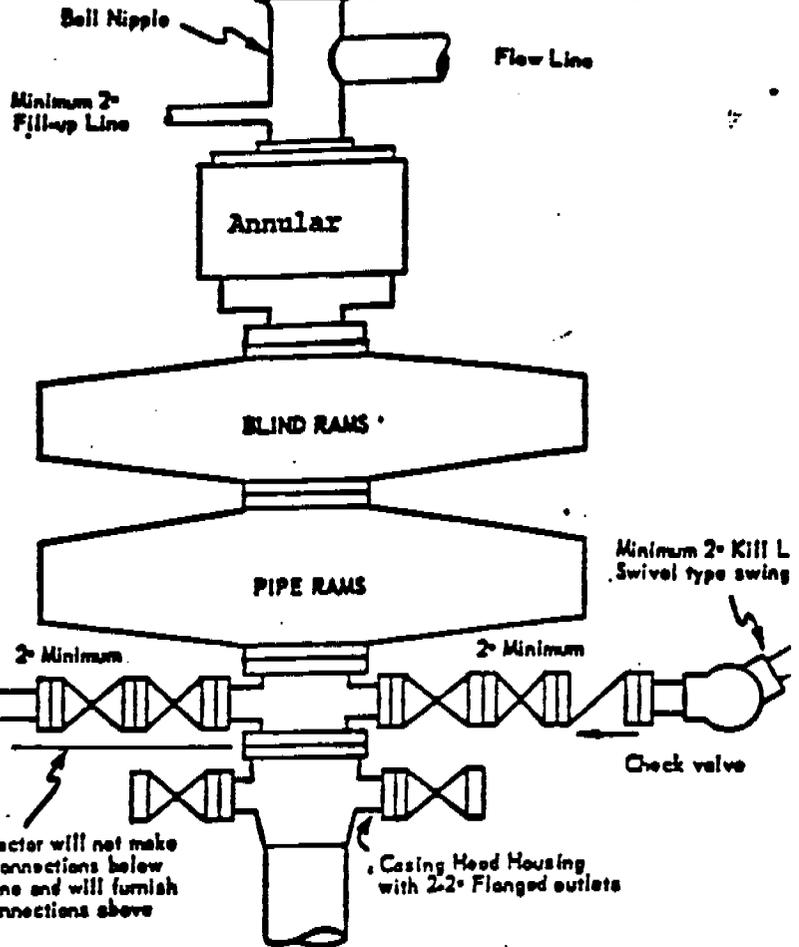
- d. A mud logging unit with chromatograph will be used from approximately 300' to TD.
- e. Productive zones will be swab tested. Water produced during testing will be contained in the temporary reserve pit. All produced oil will be stored and sold. Gas will be flared during testing.

G. 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.

Base of rotary table
or floor beams

Minimum, 6 inches



Contractor will not make any connections below this line and will furnish all connections above

MINIMUM WORKING PRESSURE



MINIMUM BLOWOUT PREVENTER
REQUIREMENTS - NORMAL
PRESSURE SERVICE

**SURFACE USE PLAN
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL**

Anadarko Petroleum Corporation
Vea A-4
1670' FSL & 1335' FEL, SE Sec 32-T13S-R10E
Carbon Co., Utah

1. Existing Roads: See Map A and Map B.
 - a. Location of proposed well in relation to town or other reference point: Location is approximately 2.0 miles north of Price, Utah.
 - b. Proposed route to location: (See Map "A" for marked access).
 - c. Location and description of roads in the area:
(See Map "A" and Map "B").
 - d. Plans for improvement and/or maintenance of existing roads: The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations.

2. Planned Access Roads:
 - a. The existing and proposed roads will be crowned, ditched or dipped from the existing County road to the location prior to use for moving the drilling rig onto the site. The maximum disturbed width will not exceed 30' with an eighteen foot running surface. Dust will be controlled by the use of water or an approved dust retardant. All roads, including access to drilling water, will be maintained in as good or better condition than existing condition.
 - b. Maximum grades: Maximum grade will be less than 10%.
 - c. Turnouts: None planned.
 - d. Location: Access to the location uses an existing road up to the location. New road that will be constructed for access off of the existing road is flagged. (See Map B).
 - e. Drainage: The road surface will be center crowned with ditches on each side of road. Slopes will have a maximum slope of 3:1.
 - f. There will be no culverts placed in the ditchways during the drilling phase of operations. Further evaluation will be made for the additions of culverts if the road is to have long-term use.
 - g. Surface materials (source): Surface materials will most likely not be required to be transported to the access road or drillpad for construction purposes. However, if gravel is required, the dirt contractor will be responsible for locating and permitting of any necessary construction material.

3. Location of Existing Wells: (2 mile radius)

The proposed Veia A-4 location is approximately 4000' east of the proposed Chubbuck A-1.

4. Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5-State Interagency Committee. This will include all facilities except those required to comply with O.S.H.A. (Occupational Safety and Health Act) regulations. These will be painted the color stipulated by O.S.H.A. All facilities will be painted within six months of installation.

Gas meter runs for each well, if needed, will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Test for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The State of Utah will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to State of Utah. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

Water supply for drilling and completion purposes will be furnished by a water hauler.

Water supply will be obtained from either the Price River or from Willow Creek.

6. Source of Construction Material:

Native material will be used for road surfacing and pad construction.

Should additional construction material be required, it will be the responsibility of the dirt contractor to locate and permit (if necessary) use of that material.

7. Methods of Handling Waste Disposal

The reserve pit will be lined.

Produced waste water will be confined to a lined pit for a period not to exceed 90-days after initial production.

Trash will be confined in a covered container and hauled to an approved landfill. Burning of waste or oil is not approved, and spoil material will be kept on site for recontouring.

No bore holes will be used for disposal of waste materials. Human waste will be contained and will be disposed of at an approved sanitary landfill.

8. Ancillary Facilities:

Not applicable for drilling operations in this area.

9. Wellsite Layout:

A plat showing access to the well-pad and the location of the reserve pit are attached.

The location and access road will be cleared of trees prior to any construction. Stumps will be scattered or buried in an area designated by the State of Utah. Any stump left in place will be cut so that the stump height does not exceed 12 inches. All slash less than four inches in diameter will be chipped or scattered outside the cleared area and must be within 24 inches of the ground at all points. All material four inches in diameter or greater will be removed. All of the above will take place prior to placement of drilling facilities.

Topsoil and vegetation will be stripped together to a depth of 6 to 8 inches and stockpiled by wind-row on the northeast edge of the location. No topsoil stripping will be allowed when soils are moisture saturated to a depth of 3 inches, or frozen below the stripping depth.

The reserve pit will be fenced on three sides prior to drilling activity and closed off on the fourth side after drilling is finished. Fencing will be four strands of barbed wire or 48-inch woven wire with one strand of barbed wire above the woven wire. All corners will be braced with a wooden H-type brace. The fence construction will be on cut or undisturbed ground and the fence will be maintained in a livestock tight condition.

10. Plans for Restoration of Surface:

The State of Utah will be notified at least 24-hours prior to commencing reclamation work.

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash, and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

If the well is a producer:

Unneeded areas of the location will be reclaimed as soon as the reserve pit has dried. Upgrade and maintain the access roads as necessary to prevent soil erosion and accommodate year-round traffic. Reshape areas unnecessary to operations, rip or disk on the contour, and seed all disturbed area outside the work area according to the seed mixture specified below. Save the topsoil for use during final reclamation unless the site can be recontoured to blend with the natural topography as required for final abandonment. Perennial vegetation must be established. Additional work will be required in case of seeding failures. All permanent facilities placed on the location will be painted to blend with the natural environment.

If the well is abandoned/dry hole:

Restore the access road and location to blend with the natural topography. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location and seed according to the above seed mixture. The access road and location will be ripped or disked prior to seeding.

Prepare seed-bed by contour cultivating four to six inches deep. Drill seed 1/2 to 1 inch deep following the contour. In areas that cannot be drilled, broadcast seed at 1.5 times the application rate and cover 1/2 to 1 inch deep with a harrow or drag-bar.

Fall seeding will be completed after September 1 and prior to ground frost. Spring seeding will be completed after the frost has left the ground and prior to June 1.

11. Other Information:

There will be no deviation from the proposed drilling and/or workover program without prior approval. Safe drilling and operating practices must be observed.

"Sundry Notice and Report on Wells" will be filed for approval for all changes of plans and other operations.

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

An archaeology inspection will be performed by an authorized contractor. Their report on this inspection will be sent directly to the State of Utah.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts or fossils. The Operator will immediately bring to the attention of the State of Utah any and all antiquities or other objects of historic or scientific interest including, but not limited to, historic or prehistoric ruins, artifacts, or fossils discovered as a result of operations under this permit. The operator will immediately suspend all activities in the area of the object and will leave such discoveries intact until told to proceed by the State of Utah. Notice to proceed will be based upon evaluation of the cultural significance of the object. Evaluation will be by a qualified professional. When not practical, the Operator will follow the mitigation requirements set forth by the State of Utah concerning protection, preservation, or disposition of any sites or material discovered. Within five working days the State of Utah will inform the Operator as to:

Whether materials appear eligible for the National Register of Historic Places;

the mitigation measure(s) the Operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,

a time frame for the State of Utah to complete an expedited review to conform, through the State Historic Preservation Officer, that the findings are correct and that mitigation is appropriate.

If the Operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the State of Utah will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, in those situations where the State of Utah determines that mitigation, data recovery and/or salvage excavations are necessary, the Operator will bear the cost. The State of Utah will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the State of Utah that the required mitigation has been completed, the Operator will then be allowed to resume construction.

12. Lessee's or Operator's Representatives and Certification:

REPRESENTATIVE

Name: Dave Hudspeth
Phone: 281/874-8814
Address: Anadarko Petroleum Corporation
17001 Northchase Drive
Houston, Texas 77060

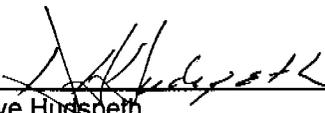
CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which currently exist, that the statements made in this plan are to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by

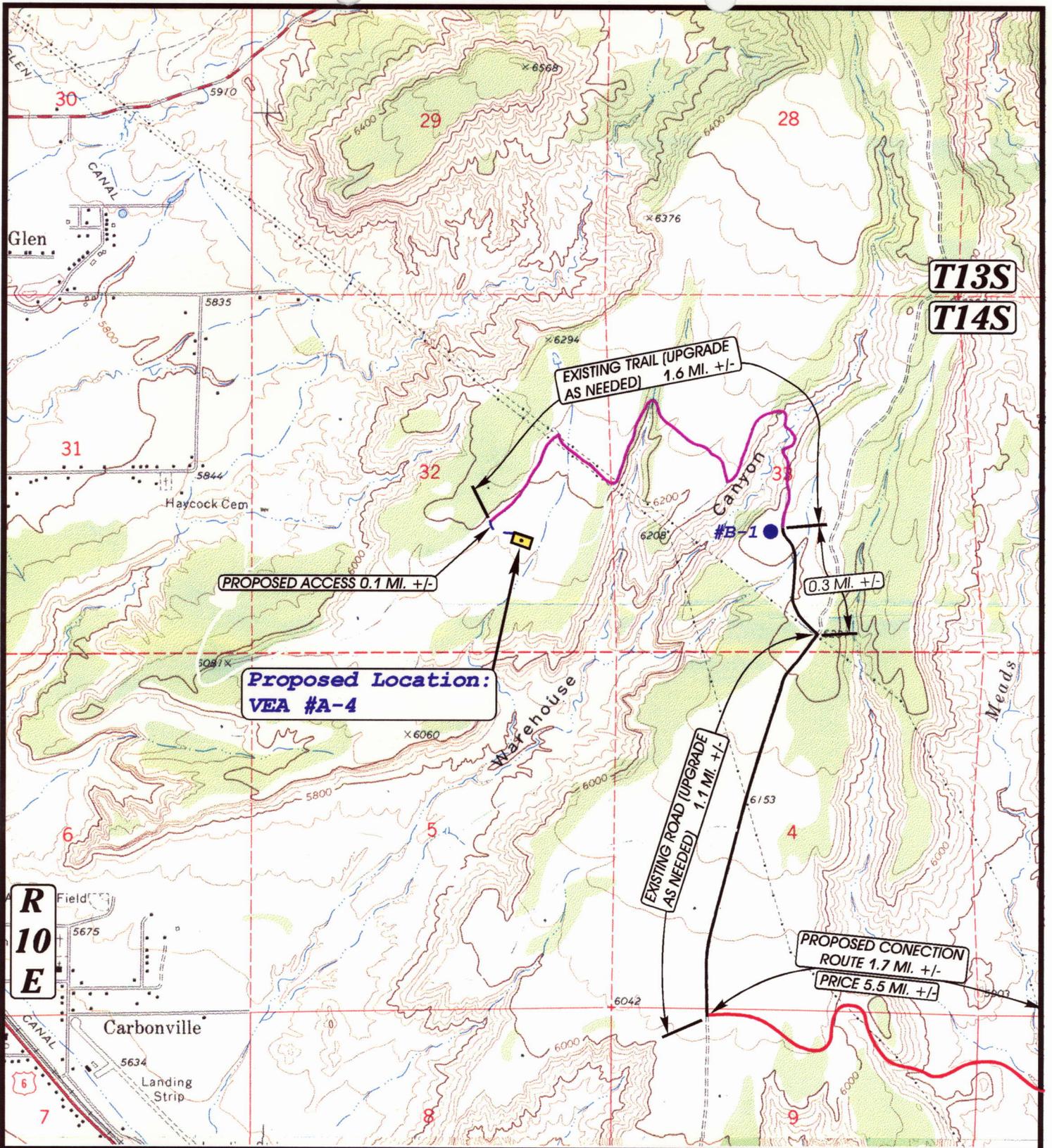
ANADARKO PETROLEUM CORPORATION

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

22. May. 97
Date



Dave Hudspeth
Staff Drilling Engineer



UELS

**TOPOGRAPHIC
MAP "B"**

**DATE: 10-4-96
Drawn by: D.COX
REVISED: 10-23-96 D.COX**

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



SCALE: 1" = 2000'

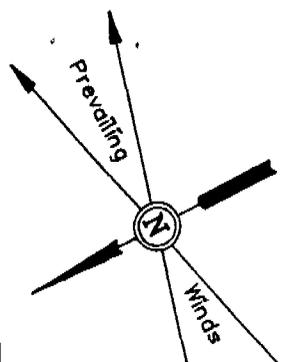
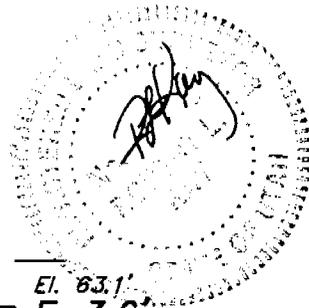
ANADARKO PETROLEUM CORP.

**VEA #A-4
SECTION 32, T13S, R10E, S.L.B.&M.
1670' FSL 1335' FEL**

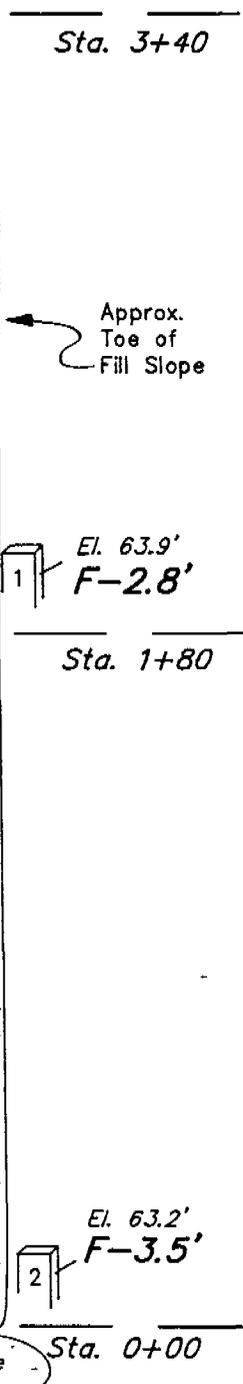
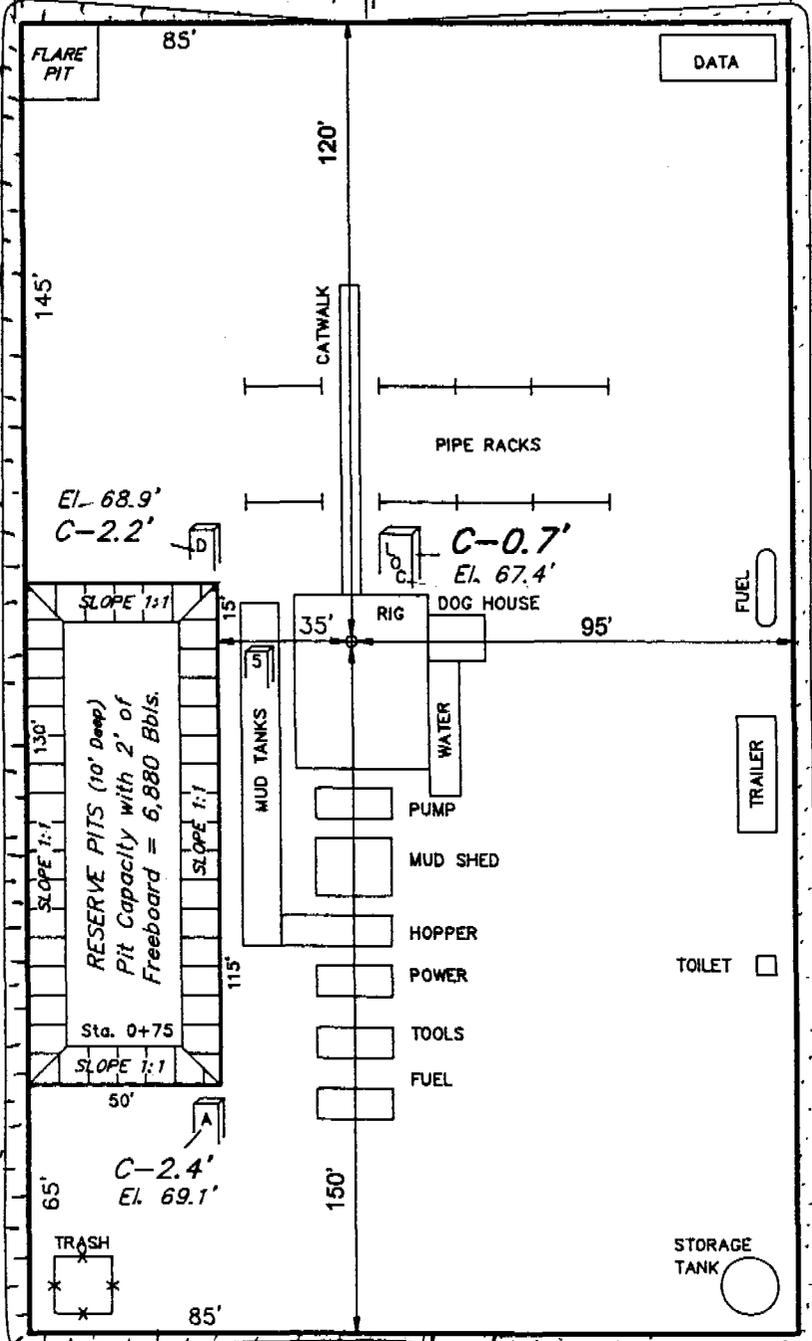
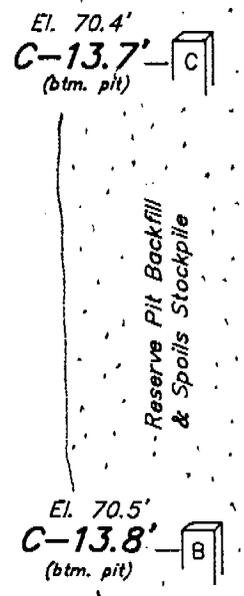
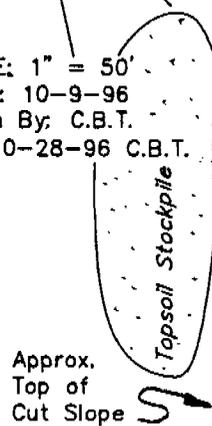
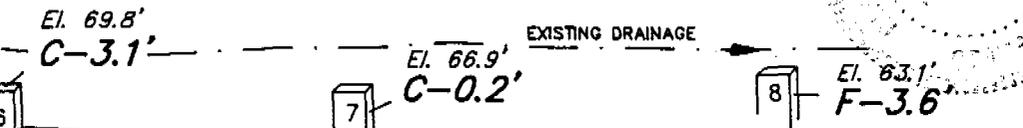
ANADARKO PETROLEUM CORP.

LOCATION LAYOUT FOR

VEA #A-4
SECTION 32, T13S, R10E, S.L.B.&M.
1670' FSL 1335' FEL



SCALE: 1" = 50'
DATE: 10-9-96
Drawn By: C.B.T.
Revised: 10-28-96 C.B.T.



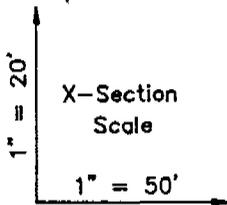
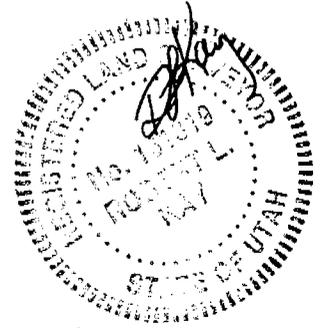
ELEV. UNGRADED GROUND AT LOC. STAKE = 6167.4'
ELEV. GRADED GROUND AT LOC. STAKE = 6166.7'

ANADARKO PETROLEUM CORP.

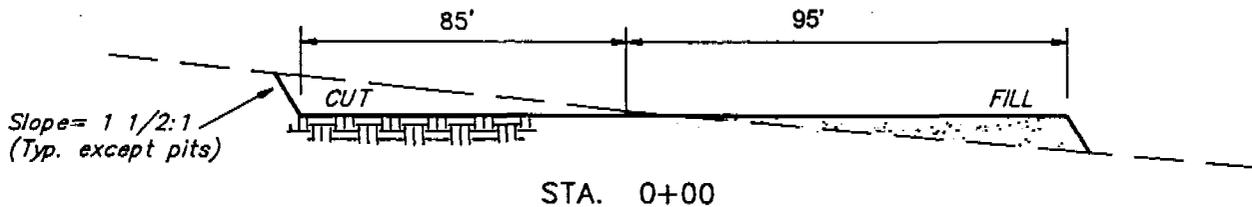
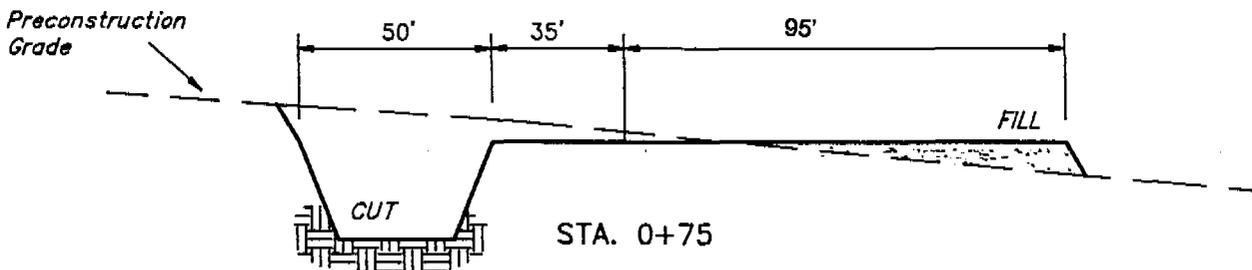
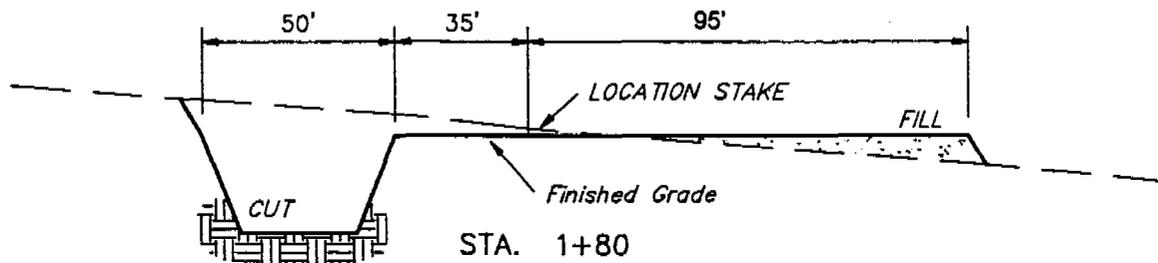
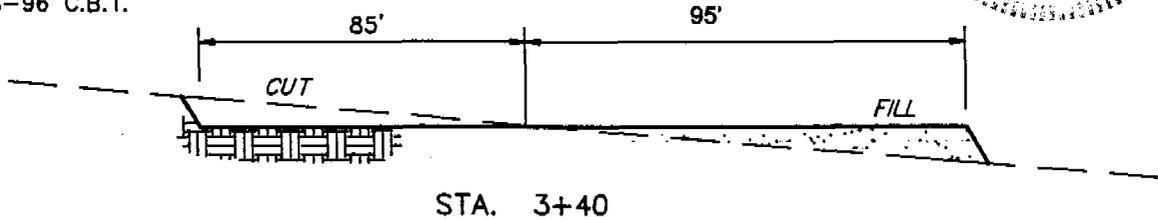
TYPICAL CROSS SECTIONS FOR

VEA #A-4

SECTION 32, T13S, R10E, S.L.B.&M.
1670' FSL 1335' FEL



DATE: 10-9-96
Drawn By: C.B.T.
Revised: 10-28-96 C.B.T.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,300 Cu. Yds.
Remaining Location	= 3,770 Cu. Yds.
TOTAL CUT	= 5,070 CU.YDS.
FILL	= 2,730 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,200 Cu. Yds.
• Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,190 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

3. Lease Designation and Series Number:

Veal 1

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Algonquian or Tribe Name:

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

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: Coalbed Methane

8. Well Name and Number:

Veal A-4

2. Name of Operator:
Anadarko Petroleum Corporation

9. API Well Number:

3. Address and Telephone Number:
17001 Northchase Drive, Houston, TX 77060 281-874-8814

10. Field and Pool, or Wildcat:

Helper CBM

4. Location of Well
Footage: 1670' FSL & 1335' FEL
O.C. Sec., T., R., M.: SE Sec 32-T13S-R10E

County: Carbon
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicates)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Location Exception
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start May, 1997

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- 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 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.)

The subject well is proposed as stated above due to more favorable "Topographic & Geologic" considerations as shown by our offset wells. We feel this will increase the chances of drilling and completing a successful well in conjunction of reducing any surface damages.

As per Rule No. R649-3-3-1.1 - 1.3, the surrounding acreage is obtained wholly by APC, thus consent from all surrounding owners does not apply to the subject well.

13. Dave Hudspeth

Name & Signature: [Signature]

Title: Staff Drilling Engineer Date: 22.May.97

(This space for State use only)

ORIGINAL
CONFIDENTIAL

SURFACE LAND USE AGREEMENT

WHEREAS, the undersigned JOHN VEA a/k/a JOHN VIA, and ROSA VEA, a/k/a ROSA VIA, husband and wife, and JERRY L. VEA, as joint tenants, whose address is 833 West 4000 North, Helper, UT 84526, (hereinafter referred to as GRANTOR, whether one or more), are the owners of the surface of the following described property, to-wit:

TOWNSHIP 13 SOUTH, RANGE 10 EAST, SLM
Section 32: E1/2NE1/4, W1/2E1/2, E1/2W1/2,
SW1/4NW1/4, SW1/4SW1/4, NE1/4SE1/4

See Exhibits "A", "A-1", "A-2", "A-3", and "B"

and ANADARKO PETROLEUM CORPORATION whose address is P.O. Box 1330, Houston, TX 77251-1330, (hereinafter referred to as GRANTEE), owns leases covering oil, gas and mineral rights in, under and upon said property; and

WHEREAS, Grantee desires to build access roads, pipelines and appurtances thereto, power lines and well sites for the drilling of Coalbed Degasification wells on a portion of said property.

NOW THEREFORE, for and in consideration of the sum of ten dollars (\$10.00) and other valuable and sufficient considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant unto Grantee, and its successors in interests, a right-of-way and easement to use a portion of the Grantor's property, above described but as more specifically limited to the maps which designate the actual locations of the rights of way for roads and the easements for drilling sites as described in the attached Exhibits A, A-1, A-2, A-3, and B. Said rights of way and easements shall authorize the Grantee to construct, operate, maintain and terminate access roadways upon the Grantor's property in order to facilitate the drilling and production of methane gas well sties, the pipelines for water and gas associated thereto and all utility lines, including but not limited to power lines, that may be necessary to facilitate and maintain the drilling and/or production operations of said well sites. Grantee agrees that all roads shall be constructed with appropriate ditches and drain culverts to allow proper drainage off said roadways and also to prevent water from backing up along said roadways, all at the sole cost and expense of the Grantee. Grantee will exercise reasonable workmanship in the construction of said roads and will facilitate drainage from the adjacent properties over or through or under said roadways so as to minimize the affects of erosion. The Grantee agrees as additional consideration for this right of way, to install lockable gates wherever roadways

for this right of way, to install lockable gates wherever roadways shall go through any fences located on Grantor's lands that are subject to the terms and conditions of this agreement. Thirty (30) days prior to the termination and/or conclusion of the rights of way and/or easements, the Grantee shall contact the Grantor and arrange a joint inspection of the right of way and/or easement properties. This inspection will be held in order to establish and acceptable termination and rehabilitation plan. This plan shall include, but not be limited to, removal of the facilities, drainage of the structures and/or surface materials located thereon, the recontouring, top soiling and/or reseeding of the rights of way and/or easement areas, at the election of the Grantor. It is understood and agreed by the parties that the Grantor may choose, at his sole election, to allow the Grantee to leave certain facilities, roadways, structures, utility lines, abandoned pipelines and such other materials. Provided, however, that if the parties are unable to reach an agreement with respect to the restoration and rehabilitation of the rights of way and/or easement areas, then all laws and regulations issued by the United States Department of Interior, Bureau of Land Management with respect to the restoration of their rights of way and/or easements shall apply to the Grantor's property and Grantee shall comply with such restoration requirements.

Grantor does hereby grant and convey to the Grantee, easements at the well sites more specifically described in Exhibits A, A-1, A-2, A-3, and B for purposes of the construction, maintenance, operation, or removal of gas or methane gas wells or any improvements and/or appurtenances which may be required for the operation of same with the express agreement that the Grantee shall be required to construct and maintain and operate such wells in a workman-like manner and in conformity with the reasonable and necessary practices utilized in the drilling industry, including but not limited to an agreement that the Grantee shall line all containment ponds and/or other ponds which may hold water and/or other materials used in the construction, operation or maintenance of said gas wells in order to minimize any environmental impact which may occur as a result of the drilling operation.

Grantee agrees that each pipeline and/or power line installed hereunder shall be constructed not less than five (5) feet below the surface elevation of said land at the time of the construction, provided that subsoil and subsurface conditions will permit a pipeline or power line to be constructed at this depth using normal construction methods. In the event that rock and/or other subsoil or subsurface conditions, including other previously laid pipe or other lines, do not permit a pipeline or power line to be constructed at this depth by normal construction methods, each pipeline or power line constructed hereunder shall be constructed at the lowest depth above five (5) feet minimum depth specified

above that normal construction methods will permit. It is agreed and understood that there is no obligation on the part of Grantee to bury power lines. Grantor or its successors in interest shall give reasonable notice to Grantee before crossing a pipeline or power line at locations other than existing roadways so that Grantee may instruct Grantor on what measures must be taken by Grantor to protect such facilities from damage.

It is hereby understood and agreed that by the execution of this agreement, Grantee does not serve to waive, forfeit or limit any rights it may have by virtue of the mineral lease or leases active on the subject property or properties.

The rights of way and easement agreements contained herein shall be for a period of ten (10) years from the date of execution of same. This instrument may be renewed for two (2) separate additional five (5) year periods at a cost of TEN (\$10.00) DOLLARS per five (5) year period provided that the Grantee is actively utilizing the rights of way and easements for the production of its well sites. In the event that the Grantee has not actively maintained and produced a resource which yields royalties to the Grantor, for a period in excess of two (2) years, then Grantor shall not have the right to renew this instrument for the additional five (5) year periods, or either one of them.

Grantee agrees to maintain all rights of way and well sites in such a manner as to keep them free from excess or objectionable litter.

During the construction period and temporary periods when repairs may be necessary, Grantee may use such portions of Grantor's additional properties along and adjacent to said rights of way and drilling sites as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and improvements and appurtenances associated with the drilling activities. Grantee agrees to use reasonable care in utilizing said additional property and agrees to restore same to its original condition upon completion of the construction and/or repair process.

Subject to the approval of the other party, the Grantor and/or Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the express terms of this grant, and such rights and easements shall be covenants running with the land and be binding upon the Grantor and Grantee and/or their heirs, legal representatives and/or successors in interest. Upon abandonment, at the request of the Grantor, the Grantee shall execute and deliver to Grantor a document evidencing the abandonment in a recordable form.

In the event that there is a breach of the terms and conditions of this right of way/easement agreement, then the defaulting party shall pay all costs and attorney's fees associated with the enforcement of the terms of this agreement.

IN WITNESS WHEREOF, this Surface Land Use Agreement has been executed on this 15th day of June, 1997.

GRANTOR:

John Vea
John Vea, aka John Via
SSN: 529-03-1094
Date: 6-25-1997

Rosa Vea
Rosa Vea, aka Rosa Via
Date: 6-25-97

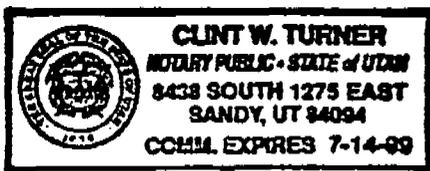
STATE OF UTAH)
: ss.
County of Carbon)

I hereby certify, that on this 15th day of June, 1997, before me, a Notary Public duly authorized in the state and county aforesaid to take acknowledgments, personally appeared John Vea, aka John Via, and Rosa Vea, aka Rosa Via, husband and wife, to me known to be the person described herein and who executed the foregoing instrument and acknowledged before me that, being informed of the contents of the same, voluntarily signed and delivered the within and foregoing instrument on the day and year herein mentioned.

Clint W. Turner
NOTARY PUBLIC

Residing At: Sandy, Utah
My Commission Expires:
7-14-99

Berry L. Veal
Berry L. Veal
Date: 6-25-97

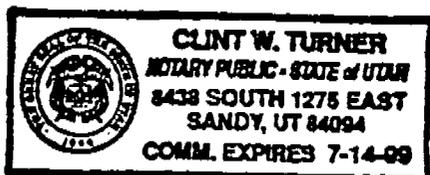


STATE OF UTAH)
 : ss.
County of Carbon)

I hereby certify, that on this 15th day of June, 1997, before me, a Notary Public duly authorized in the state and county aforesaid to take acknowledgments, personally appeared Jerry L. Veal, to me known to be the person described herein and who executed the foregoing instrument and acknowledged before me that, being informed of the contents of the same, voluntarily signed and delivered the within and foregoing instrument on the day and year herein mentioned.

Clint W. Turner
NOTARY PUBLIC

Residing At: Sandy, UT
My Commission Expires:
7-14-99



GRANTEE:
ANADARKO PETROLEUM CORPORATION

By: Dave Winchester
Dave Winchester
Division Drilling Engineer
Dated: 7-8-97

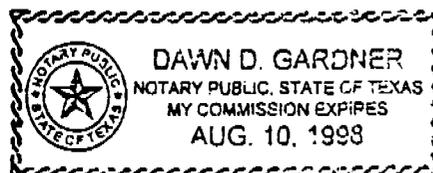
STATE OF TEXAS)
 : ss.
County of Harris)

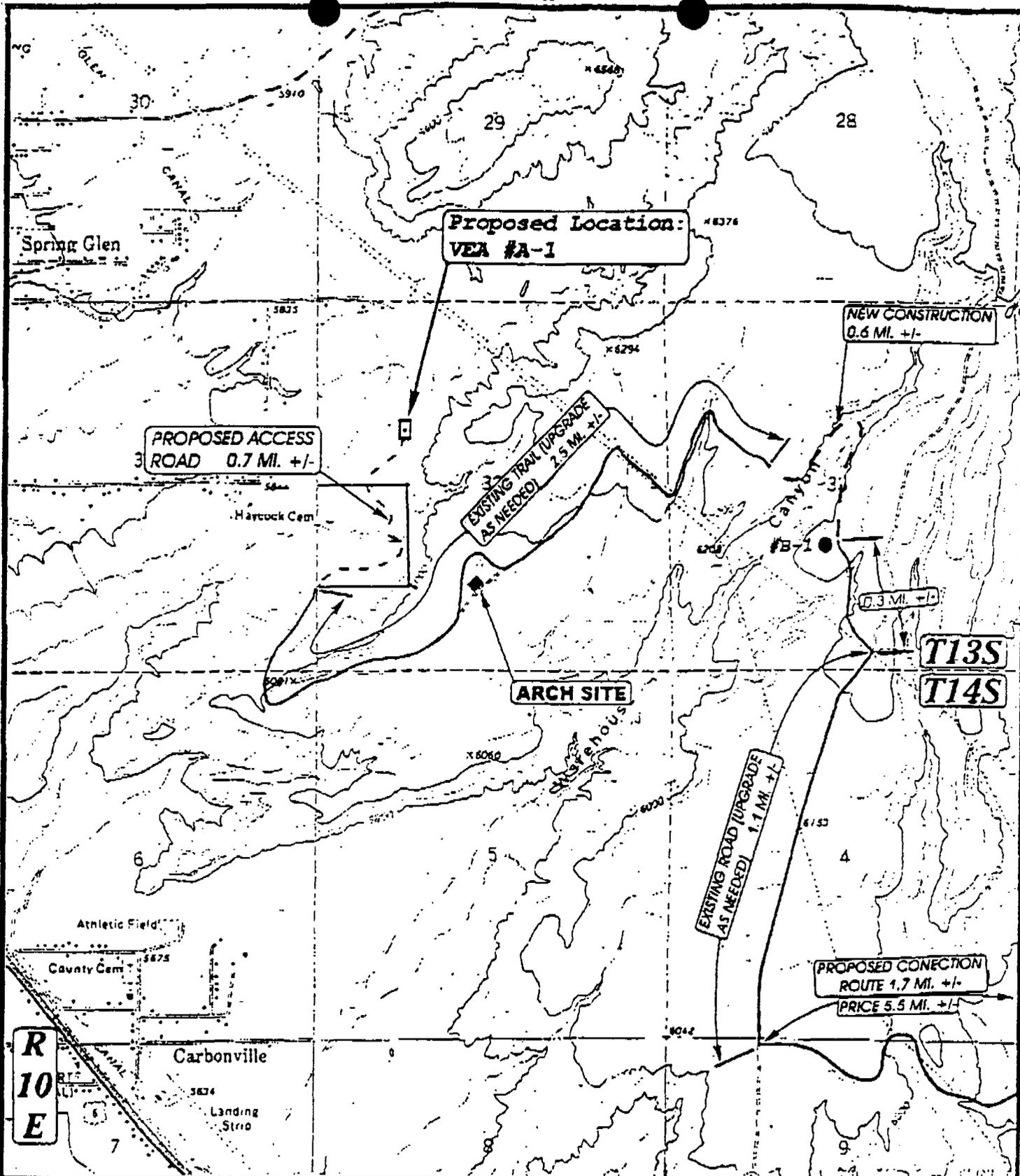
I, the undersigned authority, a Notary Public in and for said county and state, hereby certify that Dave Winchester, whose name as Division Drilling Engineer, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, with full authority, executed the same voluntarily for and as the act of said corporation.

Given under my hand and seal this 8th day of July, 1997.

Dawn Gardner
NOTARY PUBLIC

Residing At: Houston, Texas
My Commission Expires: 10 Aug 98





R
10
E

TOPOGRAPHIC
MAP "B"

DATE: 11-4-96

Drawn by: D.COX

REVISED: 6-18-97 D.COX

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

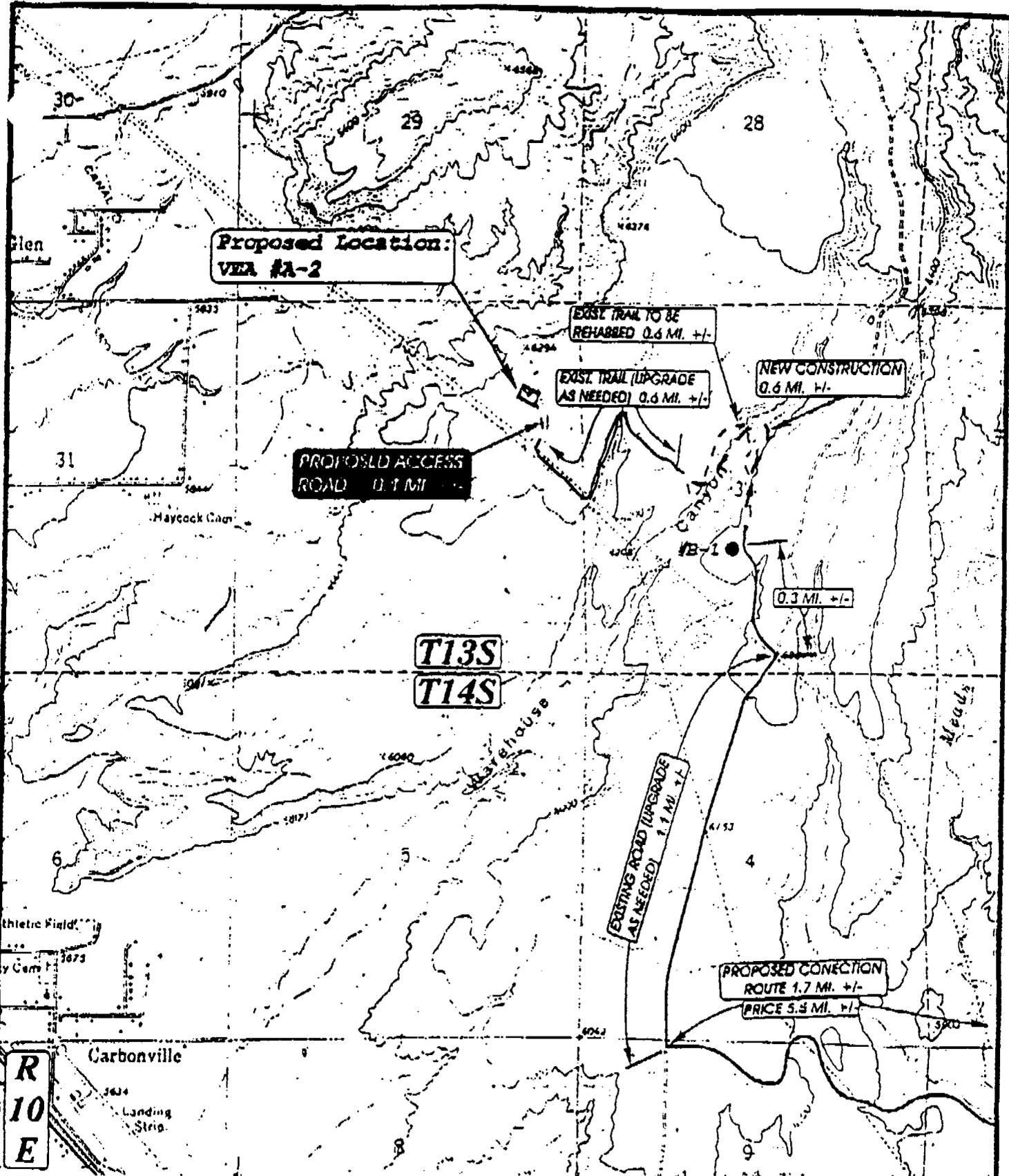


ANADARKO PETROLEUM CORP.

VEA #A-1

SECTION 32, T13S, R10E, S.L.B.&M
1731' FNL 1291' FWL

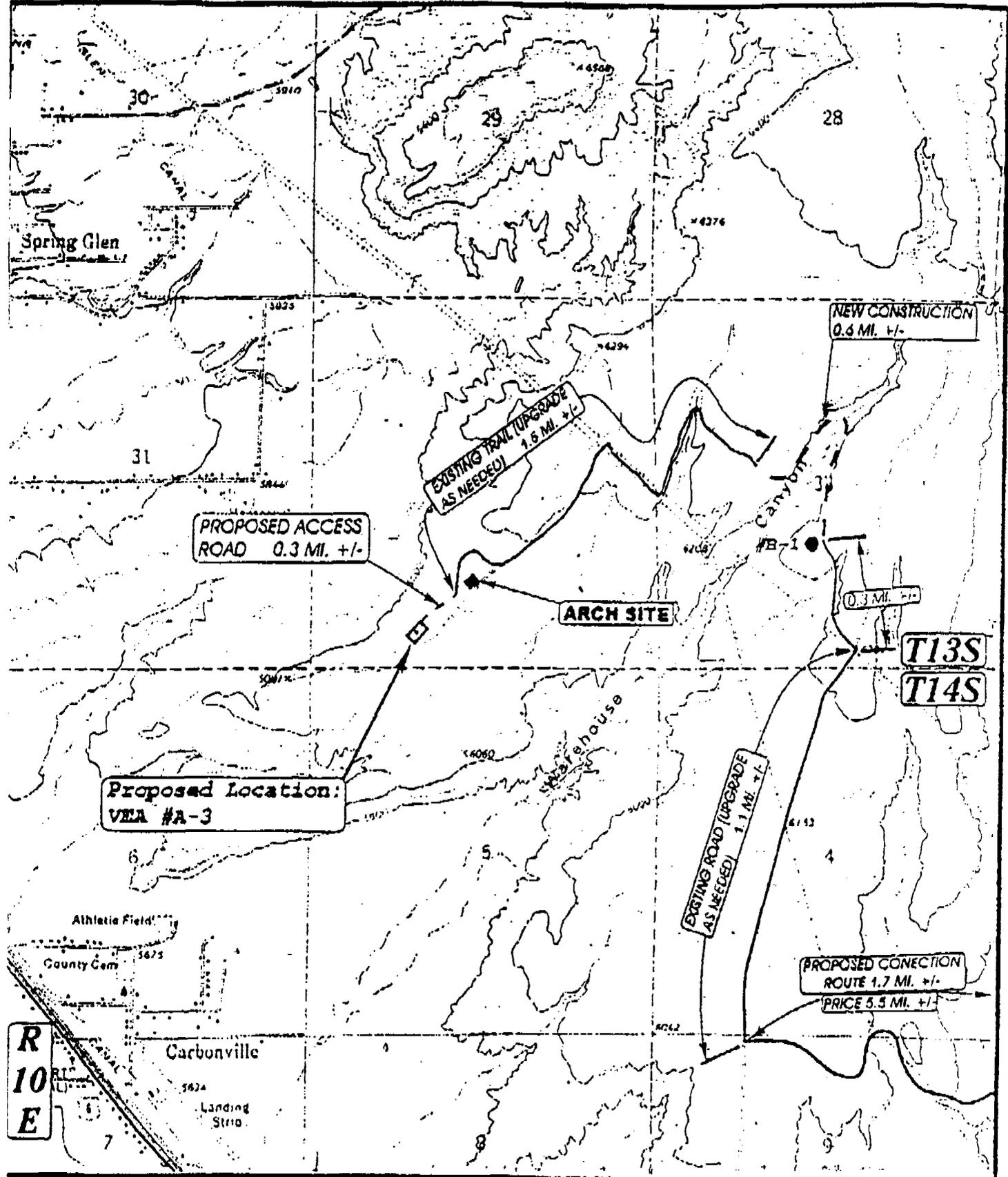
SCALE: 1" = 2000'



TOPOGRAPHIC
MAP "B"
 DATE: 10-23-96
 Drawn by: D. COX
 REVISED: 4-2-97 J.L.G.



ANADARKO PETROLEUM CORP.
 VEA #A-2
 SECTION 32, T13S, R10E, S.1.B.&M.
 1307' FNL 842' FEL

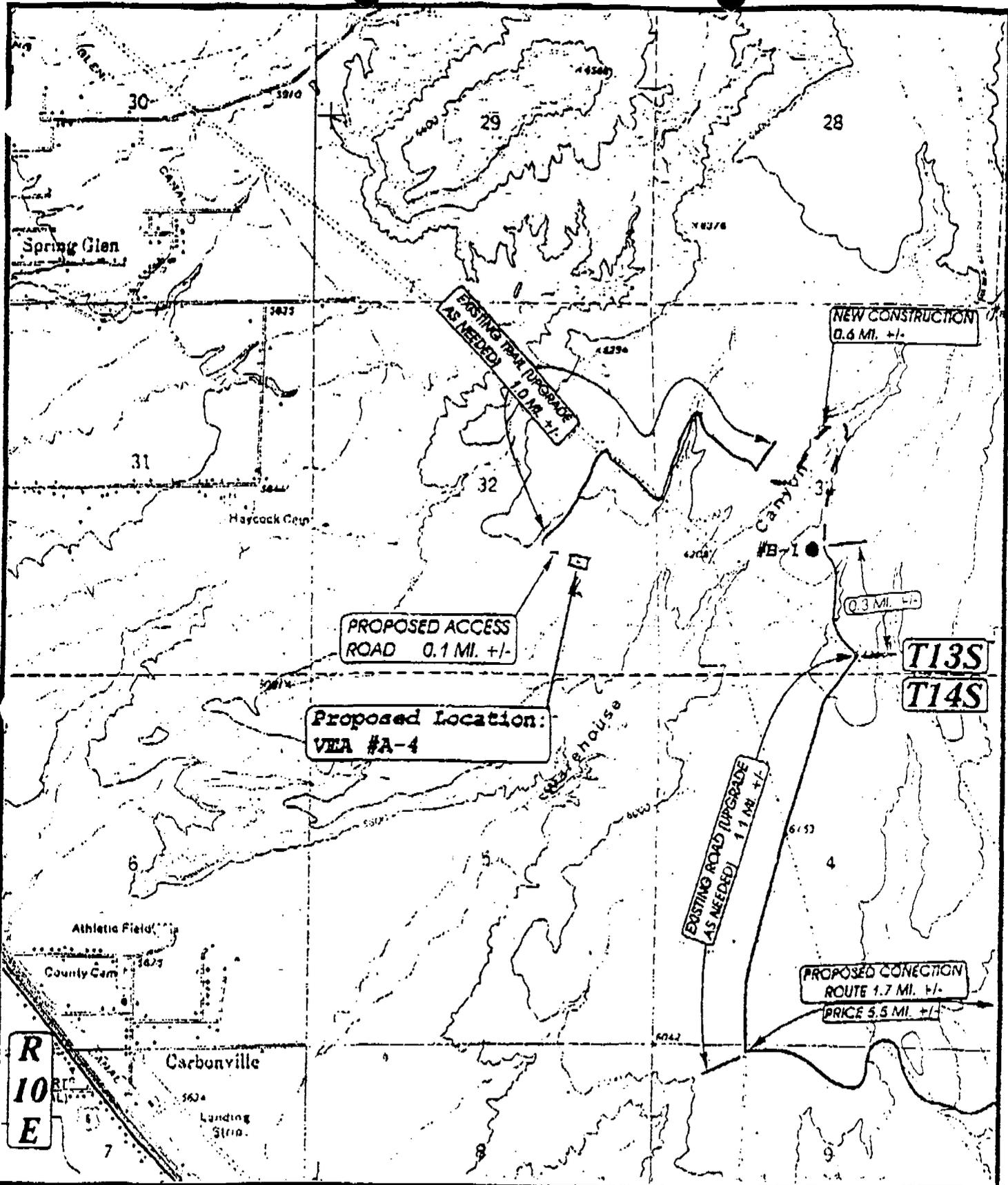


**TOPOGRAPHIC
MAP "B"**
 DATE: 11-4-96
 Drawn by: D.COX
 REVISED: 6-2-97 D.COX



ANADARKO PETROLEUM CORP.
 VEA #A-3
 SECTION 32, T13S, R10E, S.L.B.&M.
 700' FSL 1641' FWL

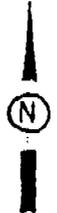
SCALE: 1" = 2000'



R
10
E

TOPOGRAPHIC
MAP "B"

DATE: 11-4-96
Drawn by: D.COX
REVISED: 6-2-97 D.COX



ANADARKO PETROLEUM CORP.

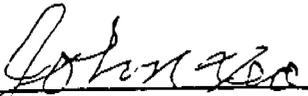
VEA #A-4
SECTION 32, T13S, R10E, S.L.B.&M.
1670' FSL 1335' FEL

EXHIBIT "B"

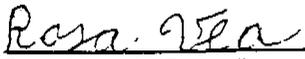
Attached to and made a part of that certain Surface Land Use Agreement effective the 1st day of February, 1997, by and between John Vea, aka John Via, and Rosa Vea, aka Rosa Via, husband and wife, and Jerry L. Vea, as Grantor, and Anadarko Petroleum Corporation, as Grantee.

1. A well location approximately two hundred ten feet (210') by three hundred forty feet (340') (1.64 acres) in the SW1/4NW1/4, Section 32, T13S-R10E, SLM, Carbon County, Utah. (Vea #A-1).
2. A well location approximately two hundred ten feet (210') by three hundred forty feet (340') (1.64 acres) in the E1/2NE1/4, Section 32, T13S-R10E, SLM, Carbon County, Utah. (Vea #A-2).
3. A well location approximately two hundred ten feet (210') by three hundred forty feet (340') (1.64 acres) in the S1/2SW1/4, Section 32, T13S-R10E, SLM, Carbon County, Utah. (Vea #A-3).
4. A well location approximately two hundred ten feet (210') by three hundred forty feet (340') (1.64 acres) in the N1/2SE1/4, Section 32, T13S-R10E, SLM, Carbon County, Utah. (Vea #A-4).
5. A road/pipeline/power line right-of-way forty feet (40') wide by approximately eleven thousand two hundred sixty eight feet (11268') long (682.91 rods) (10.35 acres) more or less, in the lands covered by this Agreement as shown on Exhibits "A", "A-1", "A-2", and "A-3".

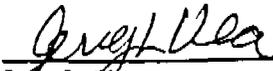
SIGNED FOR IDENTIFICATION



John Vea, aka John Via



Rosa Vea, aka Rosa Via



Jerry L. Vea



Dave Winchester

EXHIBIT "B"

Attached to and made a part of that certain Surface Land Use Agreement effective the 1st day of February, 1997, by and between John Vea, aka John Via, and Rosa Vea, aka Rosa Via, husband and wife, and Jerry L. Vea, as Grantor, and Anadarko Petroleum Corporation, as Grantee.

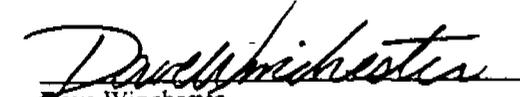
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SIGNED FOR IDENTIFICATION

John Vea, aka John Via

Rosa Vea, aka Rosa Via

Jerry L. Vea



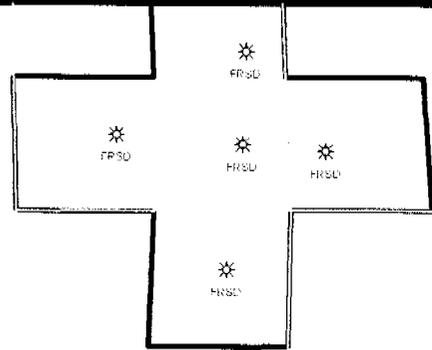
Dave Winchester

OPERATOR: ANADARKO (N0035)

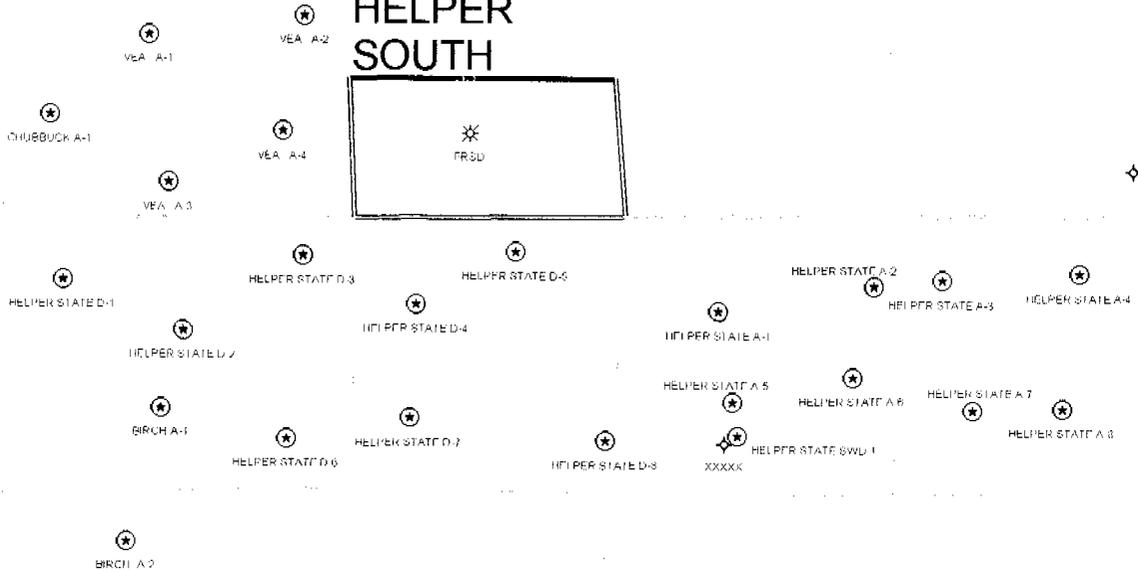
FIELD: WILDCAT & UNDESIGNATED (001 & 002)

SEC, TWP, RNG: 31 & 32 T13S, R10E & 2,3,4,5,6,8, T14S, 10E

COUNTY: CARBON UAC: R649-3-2 & R649-3-3



HELPER SOUTH



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

Operator Name: Anadarko Petroleum Corp

Name & Number: VEA A - 4

API Number: 43 - 007 - 30356

Location: 1/4, 1/4 NWSE Sec. 32 T. 13 S R. 10 E

Geology/Ground Water:

A minor aquifer may be encountered close to the surface. The location is on the fringe of a moderately permeable Quaternary slope wash deposit as it laps up onto the Blue Gate Shale Member of the Mancos Shale. These are the only sediments which may provide a high quality water resource from the surface to the top of the Ferron Sandstone Member of the Mancos Shale. The proposed 300' surface casing program will adequately cover the thin surficial deposits.

Reviewer: K. Michael Hebertson

Date: July 7, 1997

Surface:

The pre-site review was conducted by division personnel in accordance with the rules and guidelines of the Division. The private surface owner was contacted and attended. The Division of Wildlife and School Trust Lands were contacted but did not attend. Drainage and location problems were discussed with those in attendance. It was also decided that the topsoil and left over spoil piles on all locations & and the shoulders of all access roads would be reseeded in order to stabilize them and minimize erosion. The access roads and infrastructures will be graveled kept compacted to minimize dust. Division of Wildlife has suggested that all disposal pits be covered with netting and that no liquid hydrocarbons be allowed to collect in the pits. However to date no liquid hydrocarbons have been encountered in these wells.

Reviewer: Michael Hebertson & Jimmie Thompson

Date: 6/26/97

Conditions of Approval/Application for Permit to Drill:

1. The location will be bermed on all sides to prevent runoff.
2. The topsoil and spoil piles, shoulders of the roads, and unused portions of location will be reseeded and reclaimed as soon as practicle after completion.
3. No drilling or workover activity after December 1 or before April 15 of any year.
4. A synthetic pit liner with a minimum thickness of 12 MILS will be required.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Anadarko

WELL NAME & NUMBER: VEA A - 4

API NUMBER: 43-007-30356

LEASE: FEE (VEA) FIELD/UNIT: Undesignated (002)

LOCATION: 1/4,1/4 NWSE Sec: 32 TWP: 13 S RNG: 10 E 1670 FSL 1335 FWL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): x =515474 E; y = 4388641 N

SURFACE OWNER: John & Rosa Vea

PARTICIPANTS

M. Hebertson, J. Thompson (DOGM), Edwin Johnson, & Jeff Duncan (Anadarko), Will Gleave & Steve Gray (Gray Construction), Lloyd Walker (Walker Construction), Mike Barnes (Neils Construction), Tracy Henline (Uintah Engineering). John Vea (landowner)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~3 miles south of the Tavaputs Plateau and 4 miles South of the 1000-1500' Book Cliffs. Shallow canyons (1-200' deep) incise the pediment forming benches north and east of Price, UT, below the Book Cliffs. Pediment gently slopes south. Location is on Pediment mantle, the ground is almost flat. This location lies in an open area on the upper bench Northwest of Warehouse Canyon. This bench is the Garley Canyon Sandstone light brown to orange in color. In places it is known to be an active aquifer.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing, and wildlife habitat

PROPOSED SURFACE DISTURBANCE: 270' X 180' pad with 130' X 50' X 10' pit included as part of the location. 3.0 miles of approach road and upgrades needed. Spoils and topsoil stockpiles and reserve pit backfill pile will be stored outboard of the pad. About .1 miles of new access will be constructed.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Helper Federal B-17

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Powerline and gathering system are proposed to transverse the cliff face at the Helper State D-3 location in Warehouse Canyon.

SOURCE OF CONSTRUCTION MATERIAL: Native material will be used to gravel approach road and location. Any additional material will be acquired from TN Construction sources.

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. 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 disposed of by injection, reverse osmosis or evaporation.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: The NW arm of Warehouse Canyon is 0.75 miles south. Price River is 2.50 miles south.

FLORA/FAUNA: Sagebrush, indian rice grass, broom snakeweed, winterfat, greasewood, shadscale, blue gramma, Needle & Thread, dryland sedge, elymus species, salina wild rye, cactus, Pinion and Juniper, / birds, coyotes, rodents, elk, deer, reptiles.

SOIL TYPE AND CHARACTERISTICS: Sandy, cobbled, highly-permeable soil on the Quaternary pediment mantle veneer which overlies the existing Blue Gate Shale Member of the Cretaceous Mancos Shale and the Garley Canyon Sandstone.

SURFACE FORMATION & CHARACTERISTICS: Quaternary pediment mantle. Light brown, brown, gray, or reddish-brown, unconsolidated, massively-bedded sediments consisting of silts, sands, pebbles, boulders, and cobbles in a poorly sorted mixture.

EROSION/SEDIMENTATION/STABILITY: Stable ground with no undermining, flowage or upheaval evident locally. Erosion is limited to minor dry washes during cloudbursts, high winds and periods of rapid snowmelt with sedimentation occuring during the wane of these episodes.

PALEONTOLOGICAL POTENTIAL: None

RESERVE PIT

CHARACTERISTICS: 130' X 50' X 10' excavated pit bermed to deflect runoff.

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

SURFACE RESTORATION/RECLAMATION PLAN

Site will be restored to landowner standards upon abandonment.

SURFACE AGREEMENT: On file and executed by operator

CULTURAL RESOURCES/ARCHAEOLOGY: Cleared and on-file.

OTHER OBSERVATIONS/COMMENTS

Items discussed included: 1)Location of power lines and gathering system. 2)Need for consultation with affected municipalities. 3)Reclamation of unnecessary road segments of existing two-track jeep trails created by more directly accessing location. 4)Minimizing access routes to more direct approaches. 5)Startups after July 15, 1997 as per DWR. 6)Drilling restrictions after December 1, 1997 as per DWR. 9)Investigate the use of existing access roads.

ATTACHMENTS:

photos.

K. Michael Hebertson & Jimmie Thompson
DOGM REPRESENTATIVES

June 24, 1997, PM
DATE/TIME

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

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
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		<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>15</u>
Final Score		<u>40</u>

CASING AND CEMENTING EVALUATION FOR APD APPROVAL

Well Name(s): Vea wells (4)
Operator Name: Anadarko Petroleum Corp.

Proposed TD (feet): 3,500 Note: Two wells as shallow as 3200'
Production casing setting depth: 3,500
Mud Type at TD: Air/air mist
Mud Weight at TD (ppg): 8.4 Note: Hydrostatic gradient assumed.
Anticipated BHP (psi):

Calculated BHP at TD (psi):	1529
Calculated BHP at production casing depth (psi):	1529
Calculated Surface Pressure (psi):	759

Production String Casing Design

Diameter (inches): 5.50
Weight (lb/ft): 17.00
Grade: K-55
Thread Type: STC Note: Value assumed.

Collapse Strength (psi): 4910
Internal Yield Strength (psi): 5320
Joint Strength (lb): 252,000

Calculated Collapse SF:	3.21	Collapse safety factor should exceed 1.125
Calculated Burst SF:	3.48	Burst safety factor should exceed 1.10
Calculated Tension SF:	4.24	Tension safety factor should exceed 1.80

Insert and copy block as necessary for intermediate or surface casing strings

Production String Cementing Program

Casing Diameter (inches): 5.50
Hole Diameter (inches): 7.875

First Stage

Cement Type: Class G
Cement Volume (sx): 261 Note: Value calculated based on yield.
Cement Yield (cu.ft./sk): 1.15 Note: Value assumed.
Annular Volume (cu.ft./lin.ft.): 0.1733
Excess Percentage: 1.00 Note: Value assumed.
Anticipated Coverage Height (ft):

Calculated Coverage Height (ft):	866	Calculated value should exceed anticipated amount.
----------------------------------	-----	--

Second Stage

Cement Type: NA
Cement Volume (sx):
Cement Yield (cu.ft./sk):
Annular Volume (cu.ft./lin.ft.):
Excess Percentage:
Anticipated Coverage Height (ft):

Calculated Coverage Height (ft):	ERR	Calculated value should exceed anticipated amount.
----------------------------------	-----	--

Surface String Cementing Program

Casing Diameter (inches): 8.63
Hole Diameter (inches): 12.25

First Stage

Cement Type: Class G
Cement Volume (sx): 174 Note: Value calculated based on yield.
Cement Yield (cu.ft./sk): 1.15 Note: Value assumed.
Annular Volume (cu.ft./lin.ft.): 0.2542
Excess Percentage: 1.00 Note: Value assumed.
Anticipated Coverage Height (ft):

Calculated Coverage Height (ft): 394 Calculated value should exceed anticipated amount.

Second Stage

NA

Cement Type:
Cement Volume (sx):
Cement Yield (cu.ft./sk):
Annular Volume (cu.ft./lin.ft.):
Excess Percentage:
Anticipated Coverage Height (ft):

Calculated Coverage Height (ft): ERR Calculated value should exceed anticipated amount.

Insert and copy blocks as necessary for additional casing strings or stages



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

Michael O. Leavitt
Governor
Ted Stewart
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 24, 1998

Anadarko Petroleum Corporation
17001 Northchase Drive
Houston, Texas 77060

Re: Vea A-4 Well, 1670' FSL, 1335' FEL, NW SE, Sec. 32,
T. 13 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 43-007-30356.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

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: Vea A-4
API Number: 43-007-30356
Lease: Fee
Location: NW SE Sec. 32 T. 13 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 within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.
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 Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated July 7, 1997 (copy attached).
5. The cement volumes for the 5½" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: ANADARKO PETROLEUM CO

Well Name: VEA A-4

Api No. 43-007-30356

Section 32 Township 13S Range 10E County CARBON

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 5/21/98

Time _____

How DRY HOLE

Drilling will commence _____

Reported by HARLON

Telephone # _____

Date: 6/4/98 Signed: JLT

✓

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY [] Other COALBED METHANE
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: 1670' FSL & 1335' FEL, NW SE At surface At top prod. interval reported below SAME

14. API NO. 43-007-30356 DATE ISSUED 3/24/98

15. DATE SPUDDED 6/20/98 16. DATE T.D. REACHED 6/21/98 17. DATE COMPL. 8/6/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6168' GL & 6180' KB 19. ELEV. CASINGHEAD 6168' GL

20. TOTAL DEPTH, MD & TVD 3240' TD 21. PLUG, BACK T.D., MD & TVD 3166' PBT 22. IF MULTIPLE COMPL., HOW MANY N/A 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) FERRON COAL - 2775' - 2846' OA 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CALP/PEF/DRHO/DP/SMP 27. Was Well Cored YES [] NO [X] Drill System Test YES [] NO [X]

Table with 6 columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 8-5/8" and 5-1/2" casing sizes.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes tubing record for 2-3/8" size.

Table with 2 columns: PERFORATION RECORD (Interval, size and number). Lists intervals like 2775' - 2777' (12) and 2790' - 2792' (12).

Table with 2 columns: ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Lists treatments like 2825' - 2848' FRAC W/41K# 20/40 SD & 2775' - 2792' FRAC W/50100# 20/40 SD & 40200# 12/20 SD.

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL - BBL., GAS - MCF., WATER - BBL., GAS - OIL RATIO.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD - QUESTAR TEST WITNESSED BY JIM HARTLEY, ANADARKO

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: [Signature] SHAD M. FRAZIER TITLE: ENGINEER DATE: 9/22/98

CONFIDENTIAL

EXPIRED 9-6-99

RECEIVED SEP 23 1998 DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. VEA 1
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME VEA
9. WELL NO. A-4
10. FIELD AND POOL, OR WILDCAT HELPER CBM
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 32, T13S, R10E
12. COUNTY CARBON 13. STATE UTAH

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 item 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 instructions 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).

38.

GEOLOGIC MARKERS

Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top	True Vert. Depth
FERRON COAL	2710'	2860'		EMERY/MANVILLE BLUEGATE TOP FERRON TUNUNK SHALE			SURFACE 1680' 2700' 2940'

Vea A-4

1670' FSL & 1335' FEL, SEC 32-T13S-R10E
 API: 43-007-30356

SPUD RIG OFF

SURFACE 6/20/98 6/21/98

PRODUCTION

WI% 100% NRI% 85.15625%

6168 GL KB 6180

12-1/4" Hole
 8-5/8" 24# J-55
 TOC @ Surface
 150 SXS CMT

328

TOC

2600

(Holes) Perforations

(12)	2775 - 2777
(12)	2790 - 2792
(12)	2825 - 2827
(24)	2844 - 2848
(60)	Total Holes

2872

PBTD

7-7/8" Hole
 5-1/2", 17# N-80 (77jts)
 w/150 sxs cmt

3166

3240

TD 3240

WELL WORK HISTORY

NOTES:

TUBING BREAKDOWN

2-3/8"	JTS
TA	
2-3/8"	JTS
SN	
2-3/8"	JTS
NC	
EOT	2872

ROD BREAKDOWN

PONIES	
1"	
7/8"	
3/4"	
1"	
1.5"	
PUMP	

DEVIATION ANGLE	FORMATION	TOP	KB	6180
1505 3 1/4	FERRON SS	2710	3470	
2975 4 3/4	FERRON COAL	2700	3480	
	TUNUNK SHALE	2940	3240	
	Gross Coal	29		

LAST REVISED: 9/22/98

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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 DEEPSIN form for such proposals.

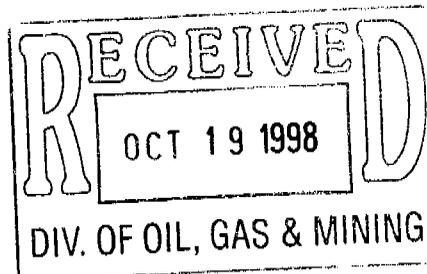
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: Coalbed Methane		3. Lease Designation and Series Number: Vea 1
2. Name of Operator: Anadarko Petroleum Corporation		6. If Indian, Allocated or Tribal Name:
3. Address and Telephone Number: 17001 Northchase Drive, Houston, TX 77060 281-875-1101		7. Unit Agreement Name:
4. Location of Well Postage: 1670 FSL & 1335 FEL OO, Sec., T., R., M.: SE/4 Sec 32-T13S-R10E		8. Well Name and Number: Vea A-4
		9. API Well Number: 43-007-30356
		10. Field and Pool, or Wellcat: Helper CBM
		County: Carbon State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start <u>Spud Notification @ 0100</u> <u>Hrs on June 20, 1998.</u>	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

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.)



13. Name & Signature: Dave Hudspeth Title: Staff Drilling Engineer Date: 6/25/98

ANADARKO PETROLEUM CORPORATION
WELL HISTORY
ONSHORE - U.S.

VEA "A" 4, HELPER-PRICE, 2058 FWL & 1000 FNL, SEC 32-T13S-R10E, CARBON COUNTY, UT., APC WI 1.0000, NRI 0.85156250, AFE 17266, ETD 3300', GLE - 6064' (FERRON COAL), MOLEN RIG #1, API #43-007-30356.

06/19/98 MIRU, DRILL OUT CMT IN SURFACE CSG
06/20/98 **SPUD WELL @ 0100 HRS 20 JUNE 98**, DRLG F/ 328'-2033', LAST SURVEY @ 1505 - 3.25°, CC 40,000. RPT #1
06/21/98 DRLG F/ 2033'-3240' (TD), BLOW HOLE CLEAN, POOH-STRAP SAME, R/U LOGGERS-LOG WELL, LAST SURVEY @ 2975 - 4.75°, CC 75,000. RPT #2
06/22/98 R/D LOGGERS-TIH W/ BIT, CONDITION HOLE, POOH, R/U CSG CREW, RIH W/ 79 JTS 5 ½" 17# N80 CSG TO 3240', CMT SAME W/ DS (140 SX), N/D BOPE, SET SLIPS-CUT CSG, INSTALL TBG HEAD, LAST SURVEY @ 2975 - 4.75°, CC 119,356. RPT #4
07/01/98 PREP WELL FOR CBL AND PERFORATION CC 119,356. **-TEMP DROP FROM REPORT-**
07/10/98 PBTD 3166 (FERRON COAL), MIRUWL, RAN GR/JB, RAN CBL/CCL/GR FROM PBTD TO 2400, TOC @ 2600, NU TREESAVER, PRESS TEST TO 5000# - OK, **PERF FERRON COAL AS FOLLOWS: 2844-2848 & 2825-2827 W/6 SPF**, CC 124,300.
07/12/98 PBTD 3166 (FERRON COAL), MIRU HES, FRAC LOWER FERRON COAL W/ 41000# 20/40 SD (1-3 PPG) + 56250# 12/20 SD (½ -4 ½ PPG), ISIP 2354-2146-2083-2036, AIR 48, MIR 50, ATP 2670, MTP 3520, OPEN TO FRAC TANK, FCP 1200#, 6/64 CHK, FLWD 168 BLW IN 8 ½ HRS, SI, 1663 BLWTR, CC 131,200.
07/13/98 PBTD 2815 (FERRON COAL), MIRUWL, RAN GR/JB TO 2830, TIH W/RBP, SET @ 2815, NU TREESAVER, PRESS TEST TO 5500# - OK, **PERF FERRON COAL AS FOLLOWS: 2790-2792 & 2775-2777 W/ 6 SPF**, RDMOWL, MIRU HES, FRAC UPPER FERRON COAL W/ 50100# 20/40 SD (1 -3 PPG) + 40200# 12/20 SD (1/2 - 4 PPG), ISIP 3428-2513-2236-1962, AIR 53, MIR 58, ATP 4540, MTP 4580, RDMO HES, OPEN TO FRAC TANK, 8/64 CHK, 1790 BLWTR, CC 227,300.
07/14/98 PBTD 2815 (FERRON COAL), FLWD 336 BLWTR, SI, WAITING ON PU, 1454 BLWTR, CC 227,300. - **TEMP DROP FROM REPORT --**
7/17/98 PBTD 2815 (FERRON COAL), MIRUPU, TIH W/ TBG AND RETR HEAD, TAG SAND @ 2805, RU DRILLING HEAD, POOH W/ 8 JTS, SWI, CC 229,400.
7/18/98 PBTD 2815 (FERRON COAL), BROKE CIRC, CO TO 2815, LATCH ON TO RBP, TOH, TIH W/ TBG, CIRC SAND FROM 3109-3166, TOH TO 2732, SWAB PERFS IFL 300' SWB 179 BLW, FFL 800, TIH TO 3166, LAY DWN 10 JTS, EOT @ 2872, SWI CC 233,900.
7/19/98 PBTD 3166 (FERRON COAL), TIH W/ RODS AND PUMP, PRESS TEST PUMP-OK, START WELL PUMPING, CC 233,900. - **TEMP DROP FROM REPORT-**
8/03/98 PBTD 3166 (FERRON COAL), PUMPING TO PIT. CC 233,900. - **TEMP DROP FROM REPORT-**
FINAL REPORT CODE 40101
09/09/98 PBTD 3103 (FERRON COAL), PMPD 172 BWPD, 49 MCFD, FL 2803, CP 50 , SGL PMPG COAL BED GAS WELL, **PERFS 2771-2846, FIRST GAS SALES 8/6/98**, CC 214,600.

OPERATOR Anadarko Petroleum Corporation
 ADDRESS 17001 Northchase Drive
Houston, Texas 77060

OPERATOR ACCT. NO. 11-0035

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12482	43-007-30356	Vea A-4	NW SE	32	13S	10E	Carbon	06/20/98	06/20/98

WELL 1 COMMENTS:

New Single Well

981026 entity added. KSR

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WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

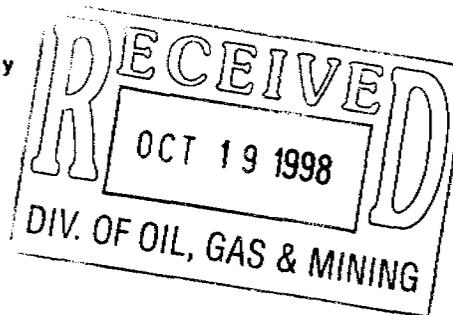
WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - 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 *[Signature]*
 Staff Drilling Engineer 10/15/98
 Title _____ Date _____
 Phone No. () _____

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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/9/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/9/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/10/2013
- a. 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
- 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
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- 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:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

- (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:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>CBM Wells</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Wells
2. NAME OF OPERATOR: Anadarko Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (720) 929-6000		8. WELL NAME and NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER: See Wells
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

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

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

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

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

Jaime Scharnowske
Jaime Scharnowske
Regulatory Analyst

DIV OF OIL GAS & MINING
Jaime Scharnowske
Jaime Scharnowske
Regulatory Analyst

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

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

NAME (PLEASE PRINT) <u>Jaime Scharnowske</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <i>Jaime Scharnowske</i>	DATE <u>4/8/2013</u>

(This space for State use only)
APPROVED
APR 11 2013
DIV. OIL GAS & MINING
Rachel Medina

(See Instructions on Reverse Side)

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

Well Name	Sec	Twncshp	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)
Effective 1-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	Twنشp	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	SENE	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	SENE	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	SENE	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	SENE	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	SENE	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	SESW	6	14S	10E	Fee (Private)		Producing
91	4300730726	CLAWSON SPRING ST J-1	SESW	35	15S	8E	Fee (Private)		Producing
92	4300730727	PIERUCCI 1	SESW	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	SESW	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	SESW	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	SENE	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