

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
MAR 09 2011
HOBBSDO

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address SWEPI LP, P.O. Box 576, Houston, Texas 77001		² OGRID Number 250036
⁴ (Local Contact: Shell Exploration & Production Company, 4582 S. Ulster Pkwy., Suite 1400, Denver, CO 80237)		³ API Number 30 - 009 - 20022
⁵ Property Code 38539	⁶ Property Name Terry and Pamela Stovall Partnership 13	⁷ Well No. Stovall 1-13
⁹ Proposed Pool 1 wildcat Penn		¹⁰ Proposed Pool 2 <97845>

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	8N	35E	2	800+/-	North	1835+/-	East	Curry

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4,561 graded
¹⁶ Multiple Y	¹⁷ Proposed Depth 13,000	¹⁸ Formation Mississippian	¹⁹ Contractor Nabors Drilling	²⁰ Spud Date April 30, 2011

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
30-inch	20-inch	Conductor	90 feet	NA	0 feet
14.75-inch	10.75-inch	40.5 lbs	1,700 feet	835	0 feet
9.875-inch	7.625-inch	39 lbs	7,900 feet	772	1,200 feet
6.5-inch	5-inch	24.1 lbs	12,200 feet	478	6,200 feet

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Stovall 1-13 Drilling & Completion Plan, Nabors B.O.P. Stack Diagram, Stovall 1-13 Surface Use Plan.

See Attached Location Maps and Photos: Topographic Map A, Topographic Map B, Photos, Well Location, Stovall 1-13, Figure #1, Location Layout for Stovall 1-13, Figure #2, Typical Cross Sections for Stovall 1-13, Figure #3, Typical Rig Layout for Stovall 1-13, Figure #4, Reclamation Diagram for Stovall 1-13, Location Surface Use Area & Road Right-of-Way on Fee Lands, Figure #1, Location Layout for Stovall 1-13 Drill Camp Area, Figure #2, Typical Cross Sections for Stovall 1-13 Drill Camp Area, Site Plan For Drill Camp Area

Potential maximum TVD: 13,000 feet.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Michael L. Bergstrom*

Printed name: Michael L. Bergstrom

Title: Senior Regulatory Advisor

E-mail Address: michael.bergstrom@shell.com

Date: 3/7/2011

Phone: 303.222.6347

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date: MAR 24 2011

Expiration Date:

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
MAR 09 2011
HOBBSUCD

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-009-20026	² Pool Code 97845	³ Pool Name Wildcat Penn
⁴ Property Code 38539	⁵ Property Name Terry and Pamela Stovall Partnership 13	⁶ Well Number Stovall 1-13
⁷ OGRID No. 250036	⁸ Operator Name SWEPI LP	⁹ Elevation 4,561 ungraded

¹⁰ Surface Location

UL or lot no. B	Section 13	Township 8N	Range 35E	Lot Idn 2	Feet from the 800+/-	North/South line North	Feet from the 1835+/-	East/West line East	County Curry
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ See Attached Map - Well Location, Stovall 1-13	CONFIDENTIAL	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Michael L. Bergstrom</i> Date: 3/7/2011 Michael L. Bergstrom Printed Name
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number		

OPERATOR: Please do not report production under this temporary pool code until you have checked with the OCD District I Geologist Paul Kautz, and he confirms where your perfs are producing from and gives you the correct pool code.

SWEPI LP

T8N, R35E, N.M.P.M.

Well location, STOVALL #1-13, located as shown in the NW 1/4 NE 1/4 of Section 13, T8N, R35E, N.M.P.M., Curry County, New Mexico.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 13, T8N, R35E, N.M.P.M. TAKEN FROM THE DAY CANYON QUADRANGLE, NEW MEXICO, 7.5 MINUTE-SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4605 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

Spindle, Paved
Road Intersection
Lat: 34.922828°
Long: 103.178591°

N89°46'43"W - 5257.12' (Meas.)

STOVALL #1-13

Elev. Ungraded Ground = 4561'

1835'

N00°00'20"W - 5380.86' (Meas.)

13

Spindle, Paved
Road Intersection
Lat: 34.908294°
Long: 103.178619°

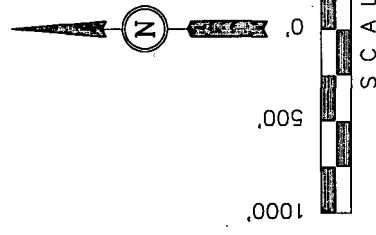
S89°13'57"W - 5245.03' (Meas.)

R R
35 36
E E

LEGEND:

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

NAD 83 (SURFACE LOCATION)
LATITUDE = 34°55'14.34" (34.920650)
LONGITUDE = 103°11'04.94" (103.184706)
NAD 27 (SURFACE LOCATION)
LATITUDE = 34°55'14.11" (34.920586)
LONGITUDE = 103°11'03.12" (103.184200)



CERTIFICATE

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

Walter J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

REVISED: 02-24-11 S.L.

UTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	10-05-10	DATE DRAWN:	10-26-10
PARTY	M.A. C.K. K.G.	REFERENCES	G.L.O. PLAT		
WEATHER	COOL	FILE			
					SWEPI LP

SWEPI LP
STOVALL #1-13
 LOCATED IN CURRY COUNTY, NEW MEXICO
 SECTION 13, T8N, R35E, N.M.P.M.

CONFIDENTIAL

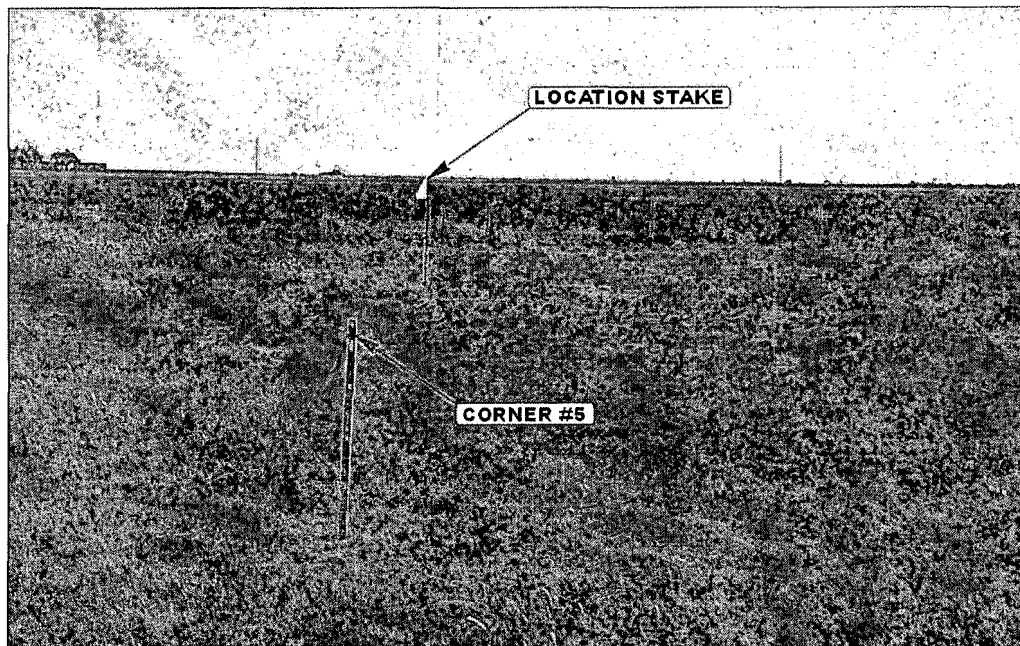


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

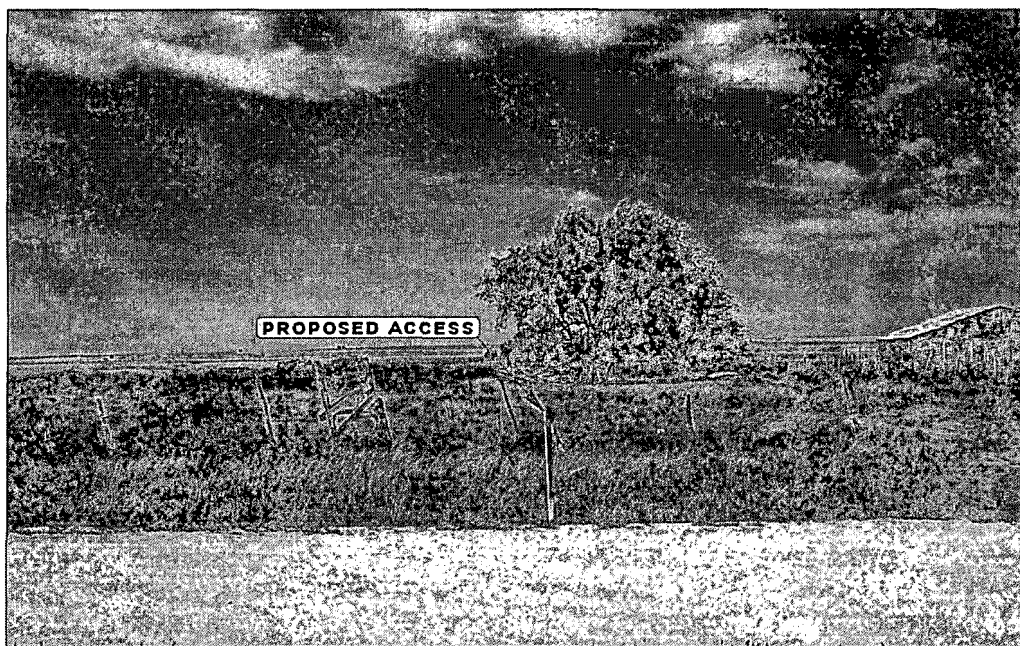


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS

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

LOCATION PHOTOS

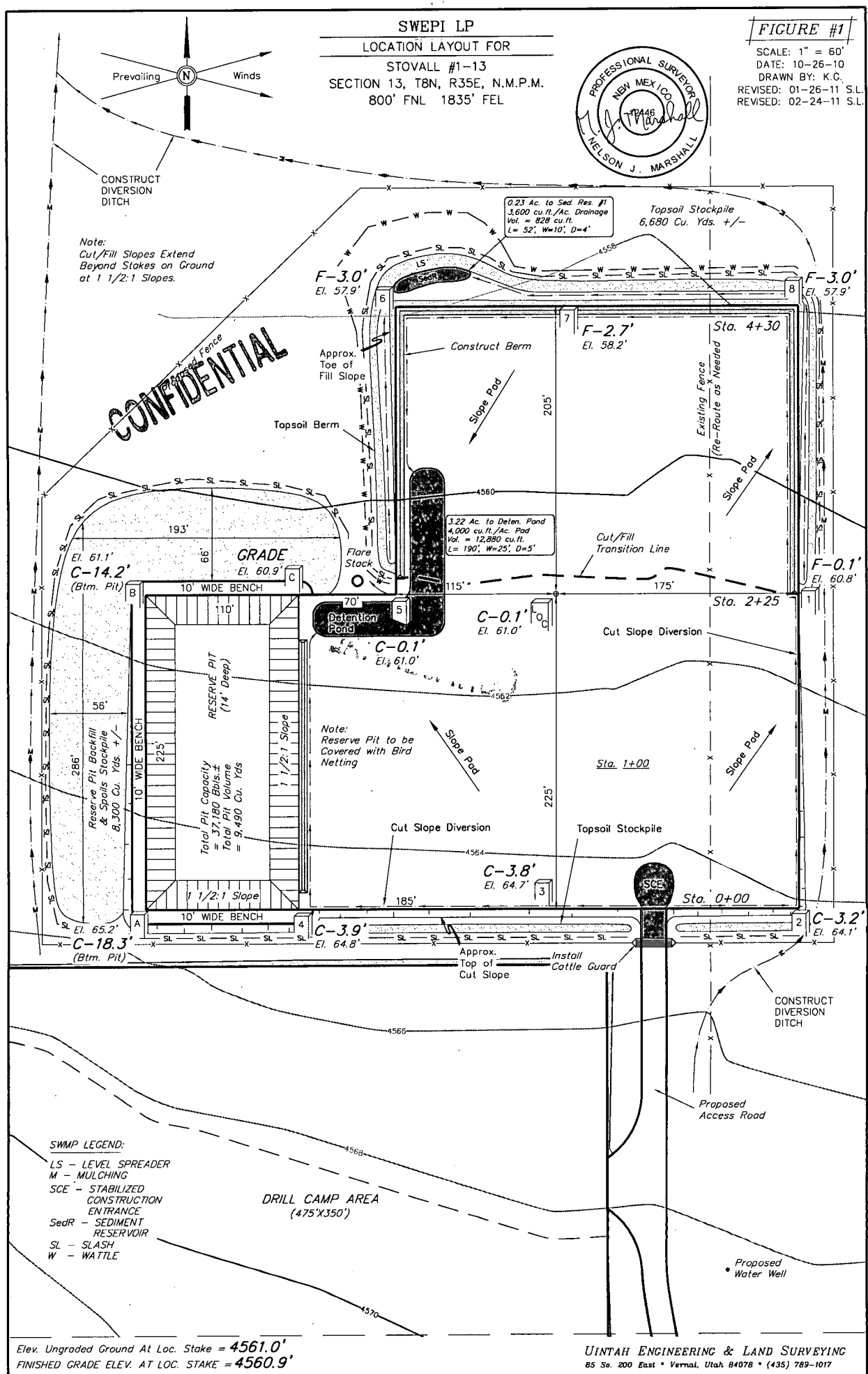
10	20	10
MONTH	DAY	YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: Z.L.

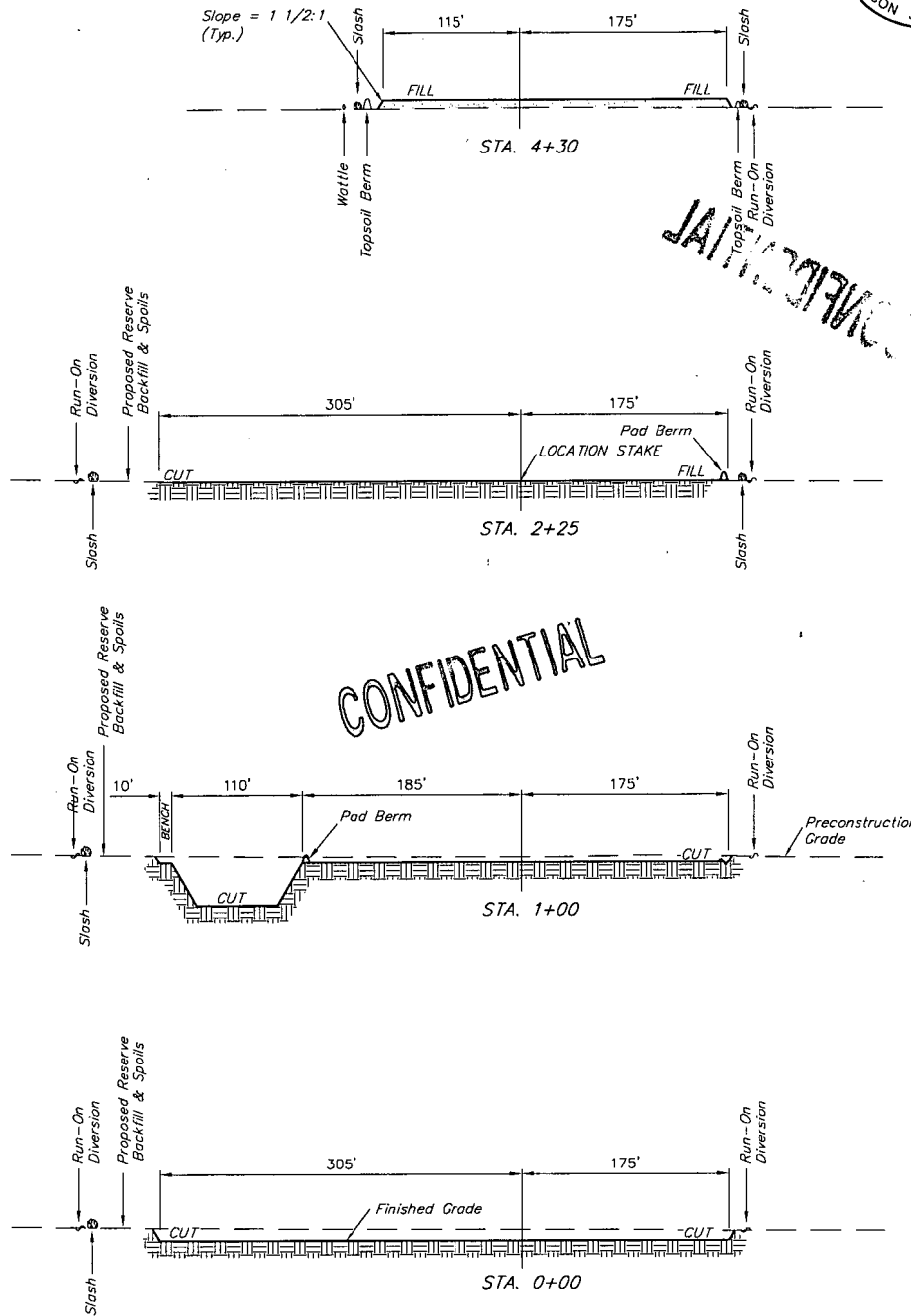
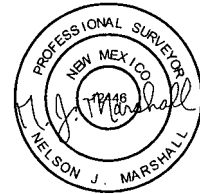
REVISED: 02-28-11



1" = 40'
X-Section
Scale
1" = 100'
DATE: 10-26-10
DRAWN BY: K.G.
REVISED: 02-24-11 S.L.

SWEPI LP
TYPICAL CROSS SECTIONS FOR
STOVALL #1-13
SECTION 13, T8N, R35E, N.M.P.M.
800' FNL 1835' FEL

FIGURE #2



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NOTE:
Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 6,680 Cu. Yds.
Remaining Location = 14,120 Cu. Yds.
TOTAL CUT = 20,800 CU.YDS.
FILL = 5,820 CU.YDS.

EXCESS MATERIAL = 14,980 Cu. Yds.
Topsoil & Pit Backfill = 11,430 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 3,550 Cu. Yds.
(After Interim Rehabilitation)
6" CALICHE = 2,600 Cu. Yds.
(Compacted to 4")

APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 6.485 ACRES
ACCESS ROAD DISTURBANCE = ± 1.470 ACRES
TOTAL = ± 7.955 ACRES

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

Stovall 1-13 Drilling and Completion Plan

The well will be drilled with potable (TDS<3,000 ppm) water-based fluids (WBM) from surface to the bottom of the Santa Rosa Formation ("freshwater aquifer"). Surface casing string(s) will be installed and cemented. Below the Santa Rosa Formation, the deepest potable aquifer, the well will be drilled with either WBM or oil-based fluids (OBM), as necessary to minimize lost circulation and address difficult drilling conditions, to total vertical depth (TVD). Intermediate casing string(s) and production casing will be installed and cemented. Upon completion of drilling, the production, and possibly intermediate casing will be perforated in selected prospective zones. Hydraulic fracturing will be performed in the prospective zones, and gas and water flow testing will be conducted in individual and/or commingled zones.

Drilling Program

- Lithology
 - Tucumcari Basin
 - This area has been the subject of limited oil & gas exploration activity
 - Prospective formations are in the Pennsylvanian section
- Fluid Bearing Formations
 - Potable water (Surface – 1500 feet below ground surface)
 - Brackish water (1500+ feet below ground surface)
 - Natural gas/condensate (~8000+ feet below ground surface)
- Drilling Fluids
 - Freshwater drilling fluids (to 1700 feet)
 - Potable (TDS< 3,000 ppm) water-based, 8.3-9.0 ppg, viscosifiers and LCM additives
 - Brackish water drilling fluids (to TVD)
 - Non-potable (TDS>10,000 ppm) water-based, 8.6-10.0 ppg, salt, lime, caustic soda, viscosifiers and LCM additives
 - Oil-based drilling fluids (OBM) (to TVD)
 - Diesel fuel-based, 8.5-9.0 ppg, API Fluid Loss <20cc (above 7900 feet); API Fluid Loss 10-20 cc (below 7900 feet)
 - Lost Circulation Materials (LCM)
 - As needed, LCM consisting of, but not limited to, cedar fibers, mica, drilling paper, graphite, walnut plug, cottonseed hulls and calcium carbonate may be introduced into the well bore to address any lost circulation zones encountered during drilling
- Wellhead Pressure Control (Blowout Prevention [BOP])
 - Wellhead BOP equipment is standard design for "tight gas" wells, as shown on Attachment 1
 - Maximum pressures for equipment (wellhead A section to be 11" 5,000 psi; wellhead B section to be 11" 10,000 psi; BOP with 11" 5,000 psi annular preventer; and Ram preventers with 11" 10,000 psi)
 - Maximum downhole pressures anticipated ~7400 psi

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- BOP testing procedures conducted by third party contractor upon installation
 - Ram preventers to 10,000 psi and 250 psi; Annular preventer to 2500 psi and 250 psi, for 10 minutes and 5 minutes, respectively

Casing and Cementing Program

- All casing run and set will be new and unused.
- Surface Casing
 - 14.75-inch diameter well bore, drilled to 1700 feet.
 - 10.75-inch diameter casing installed and cemented to surface
- Intermediate Casing
 - 9.875-inch diameter well bore, drilled to 7900 feet.
 - 7.625-inch diameter casing installed and cemented to 1200 feet
- Production Casing
 - 6.5-inch diameter well bore, drilled to 12200 feet.
 - 5.0-inch diameter casing installed and cemented to 6200 feet

Well Completion

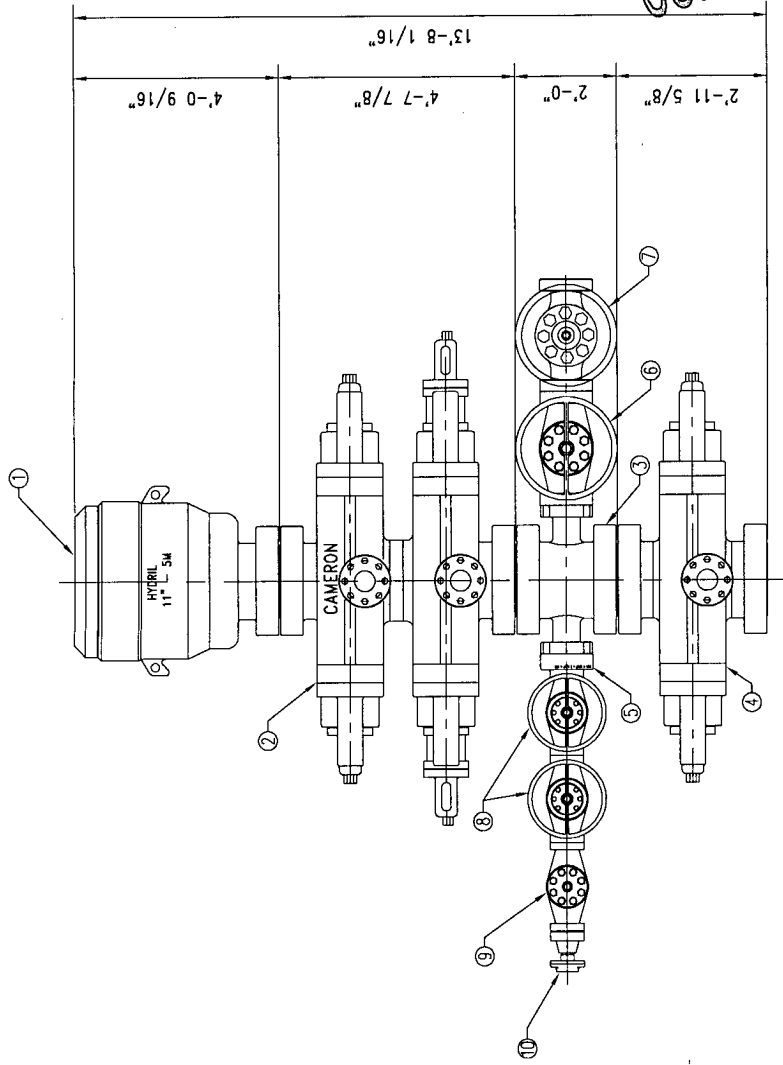
- Casing Perforation
 - Perforate casing in prospective sand zones, using six shots per foot (spf), 60 degree, phased perforating guns
- Hydraulic Fracturing
 - Treat prospective sand zones with ceramic and/or sand proppant materials during hydraulic fracturing

Logging and Testing

- Lithologic Logging
 - Mudlogging (to TVD); selective coring (whole and/or rotary sidewall)
- Wireline-Logging, may include, but not be limited to:
 - Electrical (resistivity) and radioactive (gamma ray), porosity, neutron and sonic data collection
 - As specified in Subsection A of 19.15.7.16 NMAC, only copies of electrical and radio-activity logs will be submitted with Form C-105 to Oil Conservation Division (OCD) District 1.
- Flow Testing
 - As needed, flow individual production zones for up to 7 days
 - Flow entire well for up to 60 days
 - Total flow testing period not to exceed 60 days, without additional approval

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BILL OF MATERIALS	
NO.	QTY DESCRIPTION
1	1 11" 5M CK SCREW HEAD ANNULAR B.O.P. w/10M 81M FLANGE
2	1 11" 10M TYPE U DOUBLE B.O.P. C/W 4 OFF 4 1/16" 10M FLANGED OUTLETS
3	1 11" 10M DRILL SPOOL FLG. x FLG. CW 2 OFF 4 1/16" 10M FLANGED OUTLETS, 24" FACE TO FACE
4	1 11" 10M TYPE U SINGLE B.O.P. C/W 2 OFF 4 1/16" 10M FLANGED OUTLETS (2)
5	1 DSA 4 1/16" 10M x 2 1/16" 10M
6	1 4 1/16" 10M MANUAL VALVE
7	1 4 1/16" 10M HCR VALVE
8	2 2 1/16" 10M MANUAL VALVE
9	1 2 1/16" 10M CHECK VALVE
10	1 2 1/16" 10M x 2" 1502 ADAPTER



ELEVATION

CONFIDENTIAL

NOTES:
1. VALVE SEQUENCE FOR BOP STACK MOUNTED CHOKE LINE VALVES IS OPTIONAL (ITEMS 6 AND 7).

TITLE: COPYRIGHTED		RIG PACE 750 B.O.P. STACK 11"-10M													
0	ISSUED FOR INFORMATION ONLY	02/07/07	EES												
REV.	DESCRIPTION	DATE	BY												
XREF			APP.												
THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS A CONFIDENTIAL DISCLOSURE. IT IS SHOWN TO YOUR COMPANY WITH THE UNDERSTANDING IT IS NOT TO BE REVEALED TO OTHERS OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF NABORS INDUSTRIES.		<table border="1"> <tr> <td>ER</td> <td>PRG</td> <td>P-750</td> </tr> <tr> <td>DRN BY</td> <td>EES</td> <td>SCALE</td> </tr> <tr> <td>DATE</td> <td>11/21/2005</td> <td>APP.</td> </tr> <tr> <td>ER DWG</td> <td></td> <td>DWG</td> </tr> </table>		ER	PRG	P-750	DRN BY	EES	SCALE	DATE	11/21/2005	APP.	ER DWG		DWG
ER	PRG	P-750													
DRN BY	EES	SCALE													
DATE	11/21/2005	APP.													
ER DWG		DWG													
NABORS		B													
		NONE													
		755-404													

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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MAR 09 2011
HOBBSOCD

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name Terry and Pamela Stovall Partnership			⁶ Well Number Stovall 1-13
⁷ OGRID No.		⁸ Operator Name SWEPI LP			⁹ Elevation 4,561 ungraded

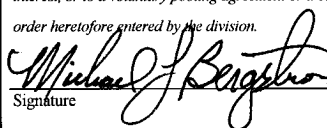
¹⁰ Surface Location

UL or lot no. B	Section 13	Township 8N	Range 35E	Lot Idn 2	Feet from the 800+/-	North/South line North	Feet from the 1835+/-	East/West line East	County Curry
--------------------	---------------	----------------	--------------	--------------	-------------------------	---------------------------	--------------------------	------------------------	-----------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ See Attached Map - Well Location, Stovall 1-13	CONFIDENTIAL			¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature Date 3/4/2011		
				Michael L. Bergstrom Printed Name		
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.		
				Date of Survey Signature and Seal of Professional Surveyor: Certificate Number		

Stovall 1-13 Surface Use Plan

The well location, associated facilities and access roads will be constructed on fee surface, upon approval of the surface owner. Well site and access roads will be constructed to withstand the loads occurring during mobilization, placement and operation of drilling, completion and testing equipment. Construction activities will be conducted to minimize surface disturbances and to readily accommodate closure and reclamation activities on disturbed areas. Closed loop and temporary pit design, operation and maintenance, closure and reclamation will be conducted according to the protocol presented below.

Existing Roads

- Access to Location
 - From the town of Clovis, New Mexico
 - Drive north on State Route (SR) 275, about 35.6 miles (Topographic Map A)
 - Turn east on County Road 45, proceed about 2.0 miles (Topographic Map A)
 - Turn north on improved road toward Stovall property, about 0.7 miles (Topographic Map B)
 - From improved road, turn west, on to Stovall property, follow improved road west, then north, about 3.1 miles, to Stovall 1-13 well location

Roads to be Constructed/Maintained

- Improved Roads
 - County Road 45 (maintained by Curry County)
 - Constructed of compacted crushed aggregate and fill
- Improved Roads
 - Stovall property
 - Construct improved road segment: west and north approximately 2100 feet and 40 feet, respectively
 - Constructed of compacted crushed aggregate and fill
 - Install culverts and/or rock-filled, low water crossings, as needed

Well Site Layout

- Well pad location and associated facilities are shown on Well Location, Stovall 1-13, Topographic Map A, and Topographic Map B
 - The staked well location and proposed access road are shown on Location Photos
 - Well location, water well, access roads, lined pits, above-ground tanks and temporary buildings, and storage areas are shown on Location Layout for Stovall 1-13

Water Supply for Drilling and Completions

- One water well (minimum 5 1/2-inch and maximum 7-inch diameter casing) will be drilled on-site about 400 feet south of the well location, on the edge of the well site, as shown on Location Layout for Stovall 1-13
 - A temporary appropriation of up to 3 acre feet (AF) of potable water will be obtained from the Office of State Engineer-District 2 (OSE) for production of potable water from the Santa Rosa aquifer
- Potable groundwater will be available from wells located on the Fury property, about 5-6 miles east from the well site
 - The Fury property holds appropriations for more than 800 acre feet (AF) of potable groundwater, which may be sold for industrial uses.

- Supplemental and emergency water may be obtained from other nearby wells, transported to the site by truck

Existing and/or Proposed Facilities

- Well Site Facilities
 - Located at well site at approximate locations shown on Location Layout for Stovall 1-13
- Temporary living quarters
 - Located adjacent to the well site, to the south shown on Location Layout for Stovall 1-13 Drill Camp Area

Storm Water Management Plan

- Stormwater management and erosion control practices will be implemented during construction, operations and reclamation (Storm Water Prevention Plan [SWPP])

Waste Management and Disposal

- Water-based drilling fluids (WBM), cuttings and other solids will be processed in a closed loop system; fluids will be re-used, solids will be transported for off-site disposal
- Oil-based drilling fluids (OBM), cuttings and other solids will be processed in a closed loop system; fluids will be re-used, solids will be transported for off-site disposal
- Oil-based drilling fluids (OBM) remaining after drilling will be shipped to the vendor, re-processed, and then used on subsequent drilling projects
- Other solid wastes will be accumulated and disposed of off-site at permitted landfill

Produced Water Management and Disposal

- Produced water, and hydraulic fracturing fluids will be managed in a temporary pit as described below. Produced water and hydraulic fracturing water will be evaporated on-site; some fluids may be treated and re-used on-site. Residual produced water and hydraulic fracturing water and other concentrated waste fluids will be disposed of off-site at an OCD-approved disposal facility

Construction Materials

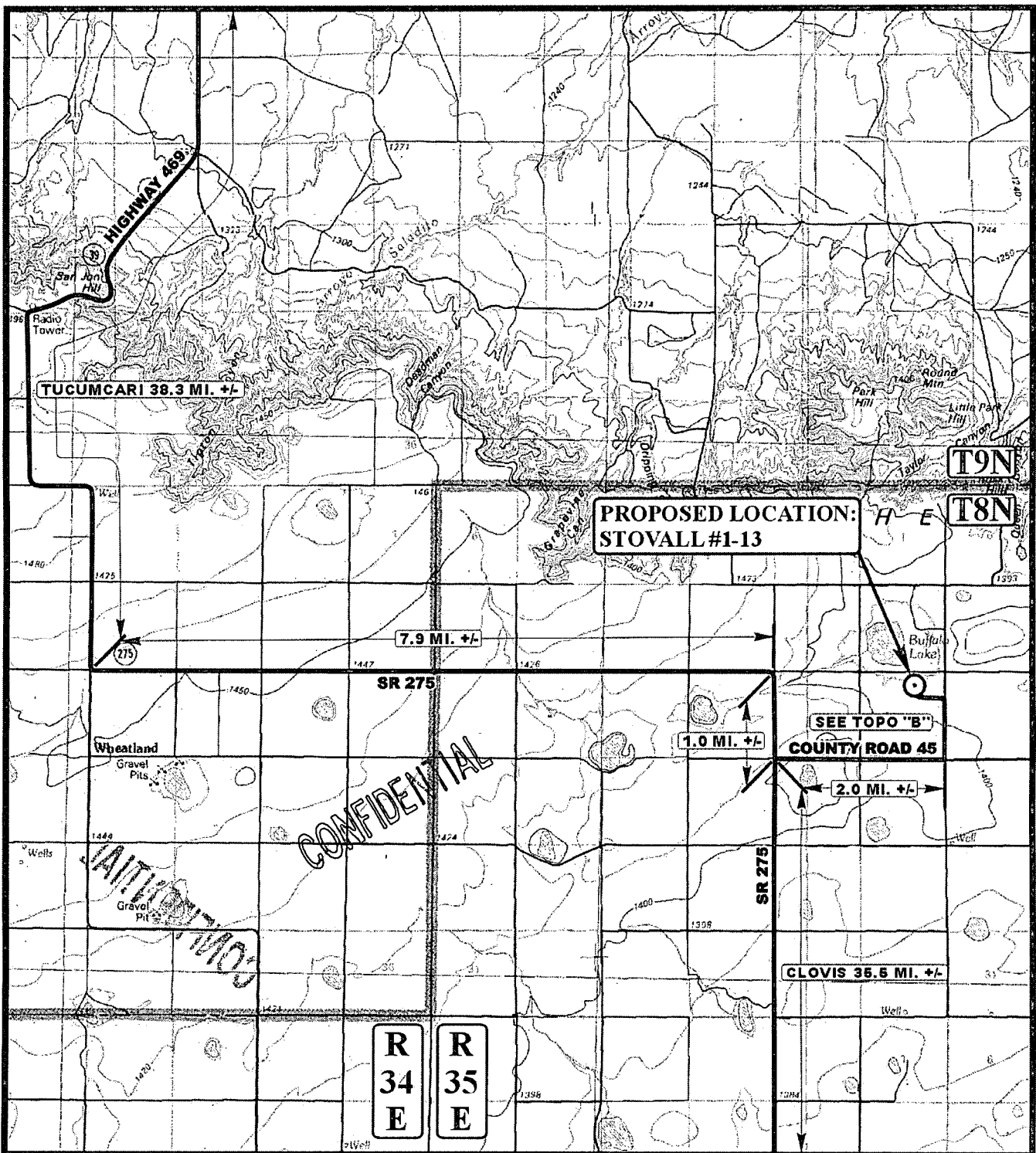
- Fill material and aggregate - obtained from local sources
- Top Soil - temporarily stockpiled at perimeter of well pad and along construction corridors for subsequent use during reclamation

Existing Oil & Gas Wells

- No existing wells are nearby

Other Information

- Construction and operation of an oil & gas well in Curry County, New Mexico does not require a special use permit or waiver from the County



LEGEND:

○ PROPOSED LOCATION

SWEPI LP

STOVALL #1-13
SECTION 13, T8N, R35E, N.M.P.M.
800' FNL 1835' FEL



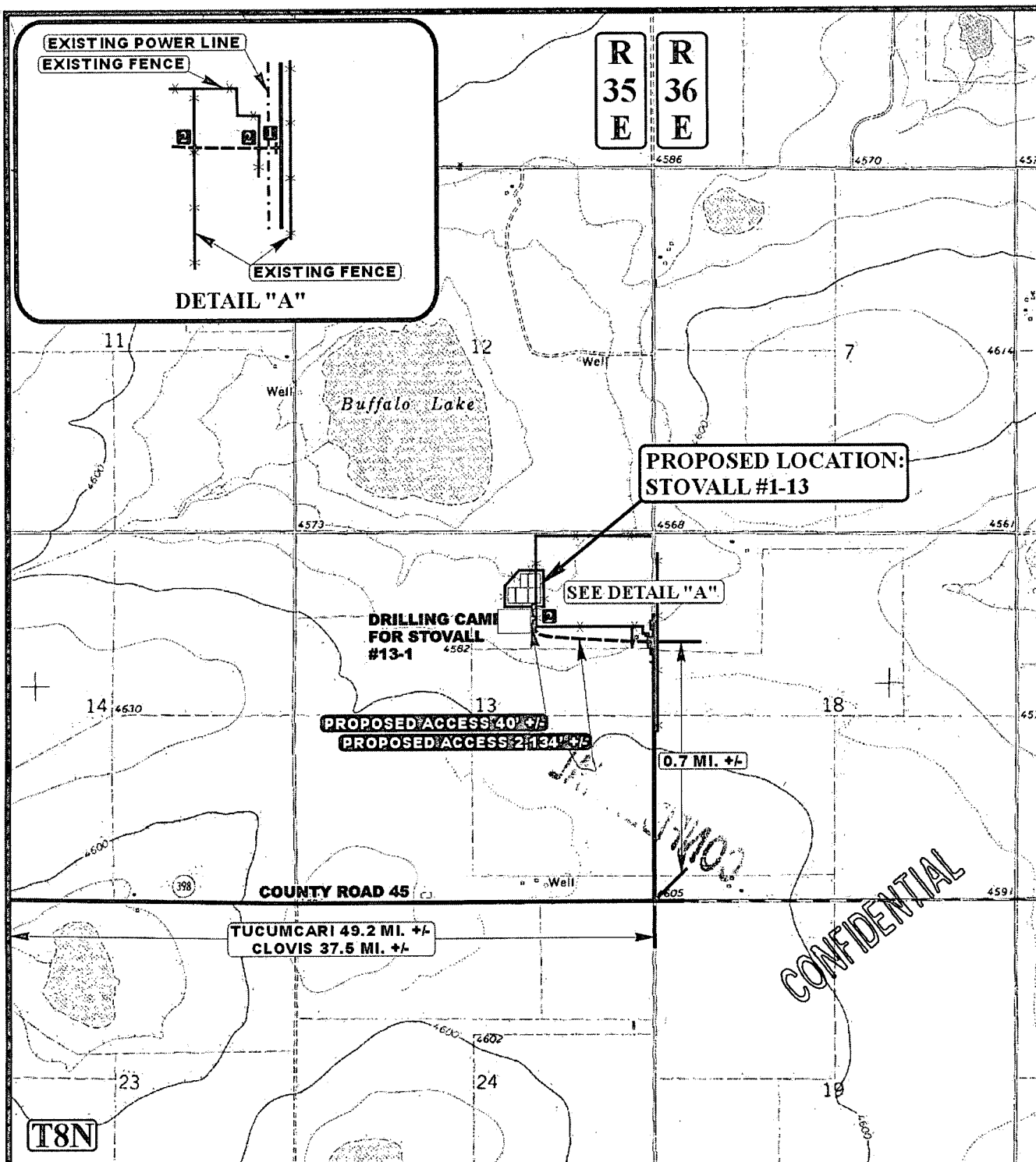
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 **20** **10**
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 02-28-11





LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- - - EXISTING FENCE
- 1 18" CMP REQUIRED
- 2 INSTALL CATTLE GUARD



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



SWEPI LP

STOVALL #1-13
SECTION 13, T8N, R35E, N.M.P.M.
800' FNL 1835' FEL

TOPOGRAPHIC
MAP

10 **20** **10**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 02-28-11

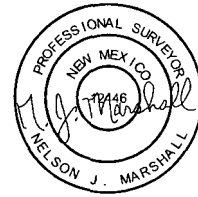


SWEPI LP
 TYPICAL RIG LAYOUT FOR
 STOVALL #1-13
 SECTION 13, T8N, R35E, N.M.P.M.
 800' FNL 1835' FEL

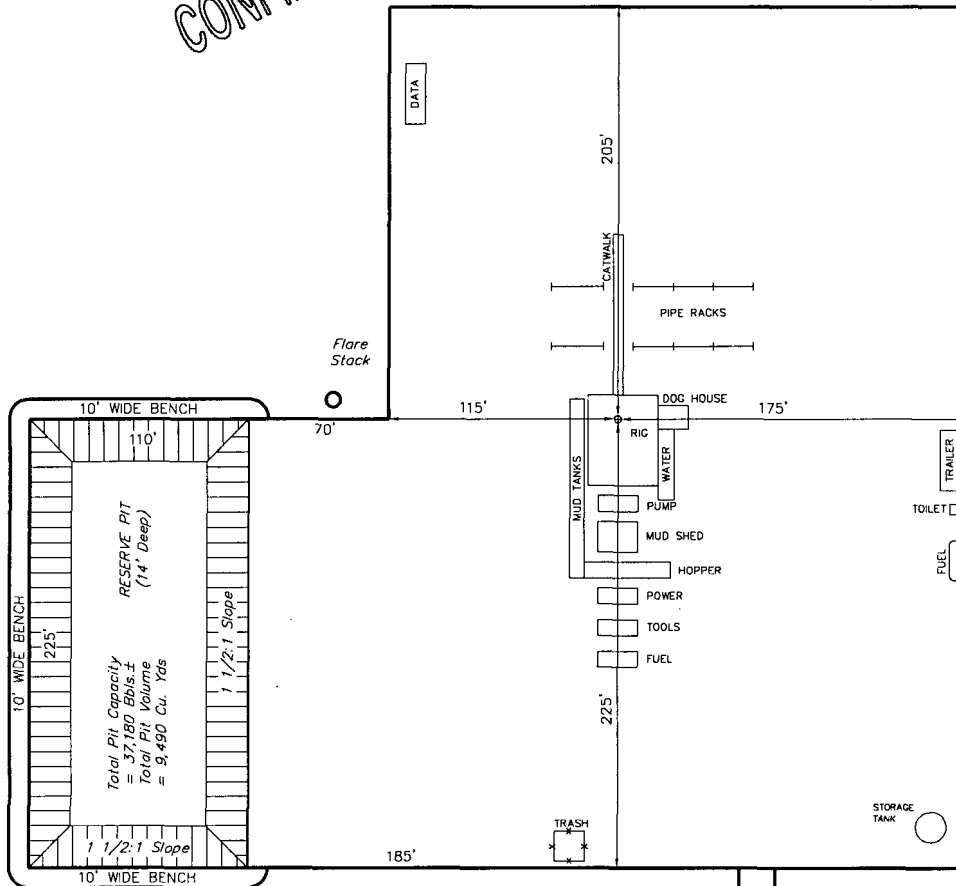
FIGURE #3



SCALE: 1" = 60'
 DATE: 10-26-10
 DRAWN BY: K.G.
 REVISED: 02-24-11 S.L.



CONFIDENTIAL



Proposed
Access Road



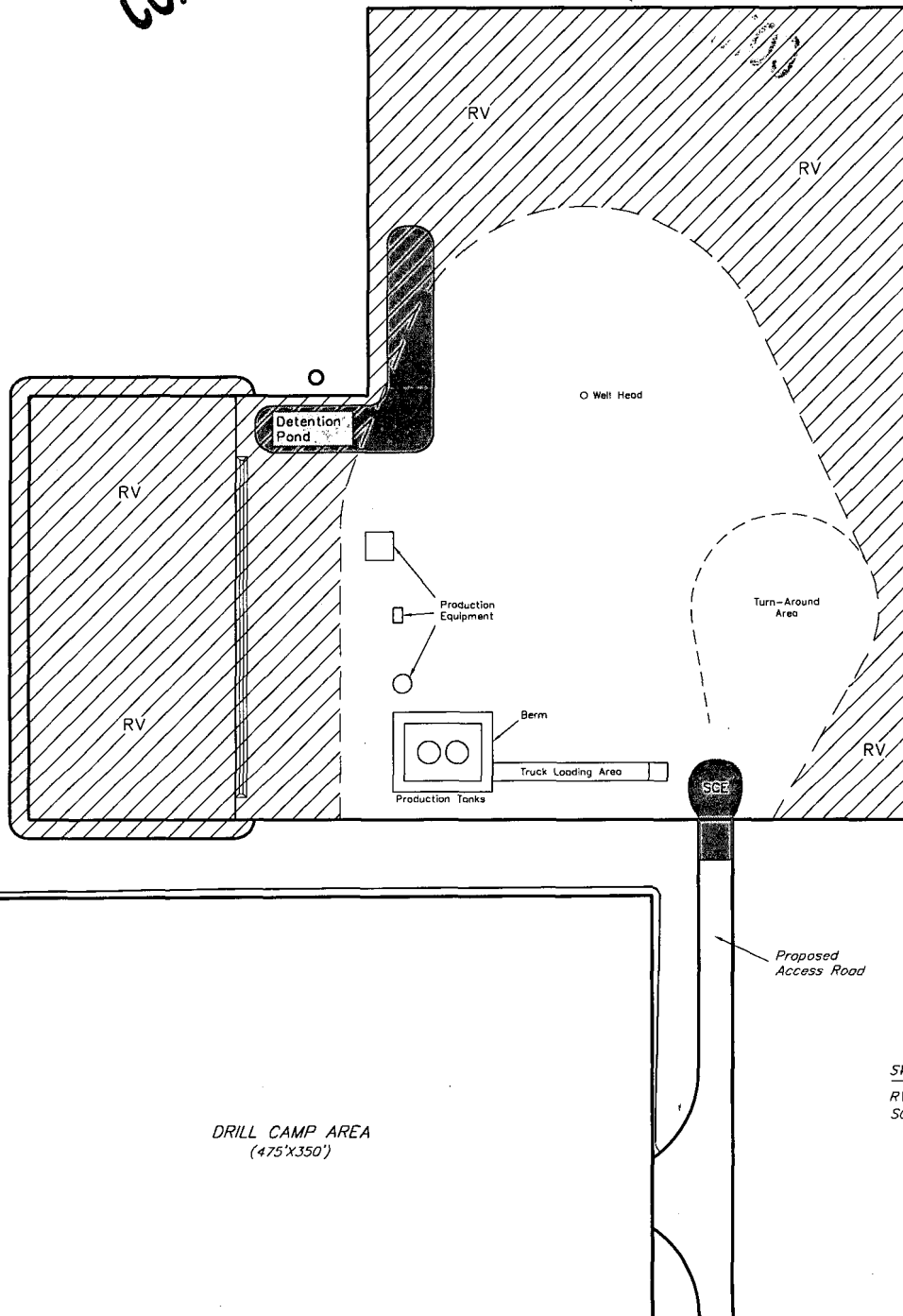
SCALE: 1" = 60'
DATE: 02-09-11
DRAWN BY: S.L.
REVISED: 02-24-11 S.L.

SWEPI LP
RECLAMATION DIAGRAM FOR
STOVALL #1-13'
SECTION 13, T8N, R35E, N.M.P.M.
800' FNL 1835' FEL

FIGURE #4



CONFIDENTIAL



SWMP LEGEND:
RV - REVEGETATION
SCE - STABILIZED
CONSTRUCTION
ENTRANCE

NW Cor. Sec. 13,
Spinda, Powell
Road Intersection

N89°46.43'W - 5257.12' (Meas.)

Section Line

Spinda, Powell
Road Intersection

SWEP1 LP

Terry & Pamela
Stovall Partnership

SURFACE USE AREA
STOVALL #1-13
Contains 6.485 Acres

LINE	DIRECTION	LENGTH
L1	N89°51'45"W	250.50'
L2	N86°44'14"W	450.10'
L3	N86°56'17"W	450.03'
L4	N86°54'55"W	250.08'
L5	N83°46'53"W	100.02'
L6	N80°10'53"W	100.17'
L7	N7°30'44"W	100.13'
L8	N28°26'56"W	99.58'
L9	N09°17'49"W	99.59'
L10	N00°10'59"E	233.74'
L11	N89°47'19"W	440.14'
L12	N00°12'41"E	320.00'
L13	N46°29'04"E	318.28'
L14	S89°47'19"E	340.00'
L15	S00°12'41"W	540.00'
L16	N89°47'19"W	129.86'

-NW 1/4-

-NE 1/4-

Terry & Pamela
Stovall Partnership

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE
FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT IN THE SE 1/4 NE 1/4 OF SECTION 13,
T8N, R35E, N.M.P.M. WHICH BEARS S00°25'46"W 1583.50' FROM
THE NORTHEAST CORNER OF SAID SECTION 13, THENCE
N89°51'45"W 250.50'; THENCE N86°44'14"W 450.10'; THENCE
N86°56'17"W 450.03'; THENCE N86°54'55"W 250.08'; THENCE
N83°46'53"W 100.02'; THENCE N80°10'53"W 100.17'; THENCE
N73°07'44"W 100.13'; THENCE N28°26'56"W 99.58'; THENCE
N09°17'49"W 99.59'; THENCE N00°10'59"E 233.74' TO A POINT
IN THE NW 1/4 NE 1/4 OF SAID SECTION 13 WHICH BEARS
S59°27'07"W 2052.45' FROM THE NORTHEAST CORNER OF SAID
SECTION 13. THE SIDE LINES OF SAID DESCRIBED
RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET
THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A
G.P.S. OBSERVATION. CONTAINS 1.470 ACRES MORE OR LESS.

Terry & Pamela
Stovall Partnership

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION
13, T8N, R35E, N.M.P.M. WHICH BEARS S59°27'07"W 2052.45'
FROM THE NORTHEAST CORNER OF SAID SECTION 13,
THENCE N89°47'19"W 440.14'; THENCE N00°12'41"E 320.00';
THENCE N46°29'04"E 318.28'; THENCE S89°47'19"W 340.00';
THENCE S00°12'41"W 540.00'; THENCE N89°47'19"W 129.86'
TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A
G.P.S. OBSERVATION. CONTAINS 6.485 ACRES MORE OR
LESS.

SW 1/4

-Sec. 13-

1/4 Section Line

▲ = SECTION CORNERS LOCATED.

SE 1/4

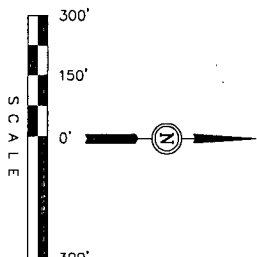
SE Cor. Sec. 13,
Spinda, Powell
Road Intersection

N00°07'48"E - 5290.30' (Meas.)

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For STOVALL #1-13)

LOCATED IN
SECTION 13, T8N, R35E, N.M.P.M.,
CURRY COUNTY, NEW MEXICO



SCALE

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
TERRY & PAMELA STOVALL PARTNERSHIP	2133.95	1.470	129.33

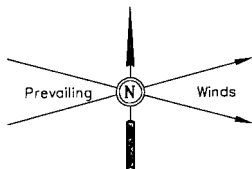
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED BY ME, A LICENSED SURVEYOR, IN ACCORDANCE WITH THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 02-24-11 S.L.

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VERNAL, UTAH - 84078

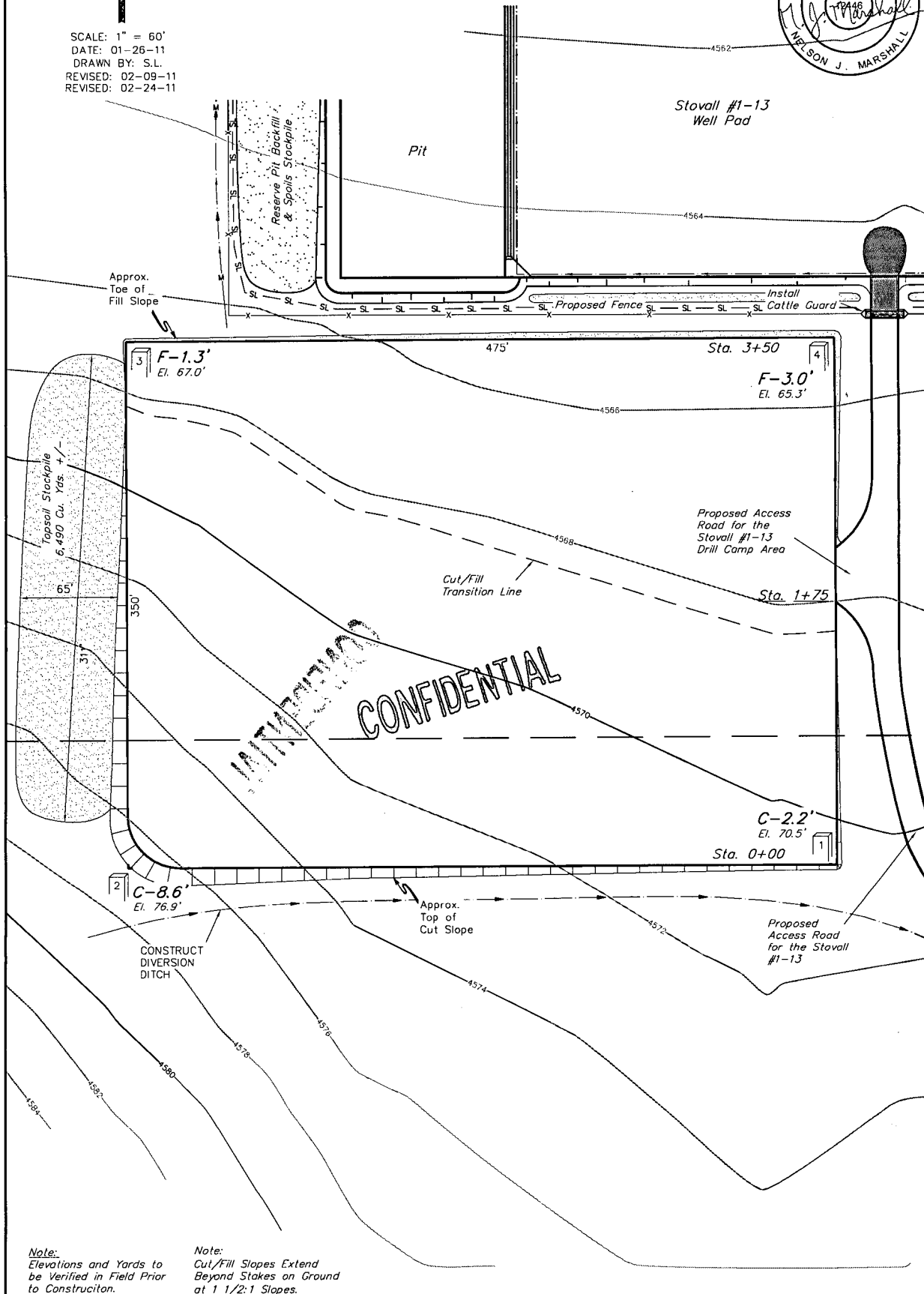
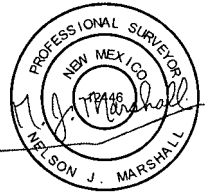
SCALE	DATE
1" = 300'	10-26-10
PARTY	REFERENCES
M.A. C.K. K.G.	G.L.O. PLAT
WEATHER	FILE
COOL	5 0 0 5 0



SCALE: 1" = 60'
DATE: 01-26-11
DRAWN BY: S.L.
REVISED: 02-09-11
REVISED: 02-24-11

SWEPI LP
LOCATION LAYOUT FOR
STOVALL #1-13 - DRILL CAMP AREA
SECTION 13, T8N, R35E, N.M.P.M.
NE 1/4

FIGURE #1



Note:
Elevations and Yards to
be Verified in Field Prior
to Construction.

Note:
Cut/Fill Slopes Extend
Beyond Stakes on Ground
at 1 1/2:1 Slopes.

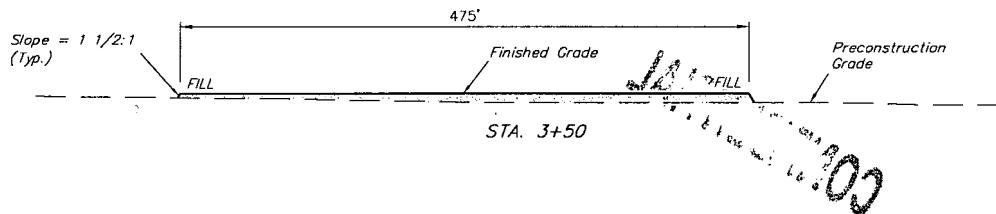
FINISHED GRADE ELEV. AT LOC. STAKE = 4568.3'

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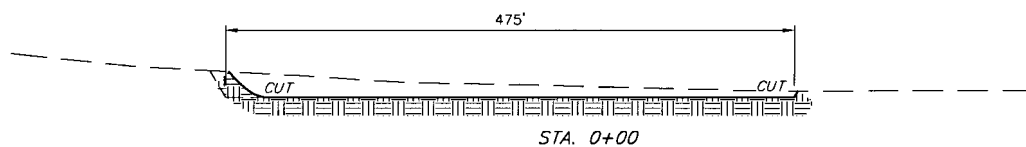
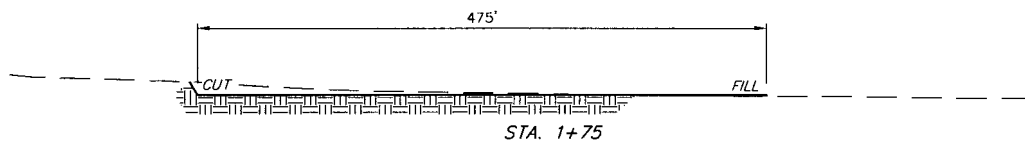
1" = 40'
X-Section
Scale
1" = 100'
DATE: 01-26-11
DRAWN BY: S.L.
REVISED: 02-09-11
REVISED: 02-24-11

SWEPI LP
TYPICAL CROSS SECTIONS FOR
STOVALL #1-13 - DRILL CAMP AREA
SECTION 13, T8N, R35E, N.M.P.M.
NE 1/4

FIGURE #2



CONFIDENTIAL



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE ACREAGES
DRILL CAMP AREA DISTURBANCE = ± 4.434 ACRES
ACCESS ROAD DISTURBANCE = ± 0.017 ACRES
TOTAL = ± 4.451 ACRES

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 6,490 Cu. Yds.
Remaining Location = 6,400 Cu. Yds.
TOTAL CUT = 12,890 CU.YDS.
FILL = 6,400 CU.YDS.

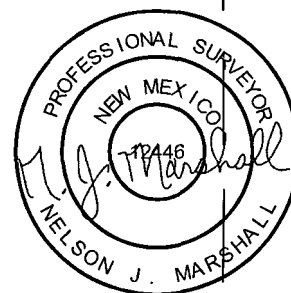
EXCESS MATERIAL = 6,490 Cu. Yds.
Topsoil = 6,490 Cu. Yds.
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)
6" CALICHE = 3,080 Cu. Yds.
(Compacted to 4")

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



SCALE: 1" = 200'
DATE: 01-26-11
DRAWN BY: S.L.
REVISED: 02-24-11

SWEPI LP
SITE PLAN FOR
STOVALL #1-13 & DRILL CAMP AREA
SECTION 13, T8N, R35E, N.M.P.M.
NE 1/4



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1/16 Section Line

1/4 Section Line

Stovall #1-13
Well Pad

Well Head

Pit

Drill Camp
Area

Proposed Access
Road for the
Stovall #1-13
Drill Camp Area

1/16 Section Line

NE 1/4

Proposed Access
Road for the
Stovall #1-13

SWEPI LP
STOVALL #1-13
SECTION 13, T8N, R35W, N.M.P.M.

PROCEED IN AN EASTERLY DIRECTION FROM TUCUMCARI, NEW MEXICO ALONG HISTORIC US 66 APPROXIMATELY 2.9 MILES TO THE JUNCTION OF THIS ROAD AND INTERSTATE 40 TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 20.4 MILES TO THE JUNCTION OF INTERSTATE 40 AND HIGHWAY 469 TO THE SOUTHERLY; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 14.8 MILES TO THE JUNCTION OF HIGHWAY 469 AND SR 275 TO THE EAST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 7.9 MILES TO THE JUNCTION OF SR 275 AND SR 275 TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF COUNTY ROAD 45 AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 2134' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM TUCUMCARI, NEW MEXICO TO THE PROPOSED LOCATION IS APPROXIMATELY 48.1 MILES.

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