API Well No: 43047514210000 Received: 12/18/2010

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

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Tumbleweed 19-1

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

3. FIELD OR WILDCAT
FLAT ROCK

4. TYPE OF WELL
Gas Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
TUMBLEWEED

6. NAME OF OPERATOR
STEWART PETROLEUM CORP

7. OPERATOR PHONE
303 799-1922

8. ADDRESS OF OPERATOR
475 17th Street Ste 790, Denver , CO, 80202

9. OPERATOR E-MAIL
dsteward@stewartpetroleum.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-72018

11. MINERAL OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

12. SURFACE OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ☐ (Submit Commingling Application) NO ■

19. SLANT
VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

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20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1663 FSL 673 FEL	NESE	18	15.0 S	21.0 E	S
Top of Uppermost Producing Zone	1663 FSL 673 FEL	NESE	18	15.0 S	21.0 E	S
At Total Depth	249 FNL 559 FEL	NENE	19	15.0 S	21.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
673

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
40

26. PROPOSED DEPTH
MD: 12216 TVD: 12000

27. ELEVATION - GROUND LEVEL
7224

28. BOND NUMBER
UTB000251

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-123 (A8815) DeLambert

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 12/18/2010	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43047514210000

APPROVAL

Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
P2	7.875	5.5	0	12074		
Pipe	**Grade**	**Length**	**Weight**			
	Grade P-110 LT&C	2000	17.0			

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Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	10000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade N-80 LT&C	10000	17.0			

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Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	9.625	0	2000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade K-55 LT&C	2000	36.0			

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DIRECTIONAL DRILLING PLAN

Attachment for Permit to Drill

Name of Operator: Stewart Petroleum Corporation
Address: 475 17th St., Ste. 750
Denver, CO 80202
Well Location: Tumbleweed #19-1
SHL: 1,663' FSL & 673' FEL, NE/4 SE/4, Sec. 18-15S-21E
BHL: 249' FNL & 559' FEL, NE/4 NE/4, Sec. 19-15S-21E
Uintah County, UT

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1. GEOLOGIC SURFACE FORMATION Green River

2 & 3. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS AND ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth (MD)	Depth (TVD)	Depth (TVD subsea)	Oil/Gas Zones
Wasatch	1920	1930	5294	oil or gas
Mesaverde	3990	3920	3304	gas
Castlegate	5820	5734	1490	gas
Mancos	6020	5931	1293	gas
Dakota Silt	9820	9683	(2459)	gas
Cedar Mtn	10020	9883	(2659)	gas
Entrada	10852	10683	(3459)	gas
Wingate	11314	11083	(3859)	gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.
subject to review on the basis of actual conditions encountered.

	Depth	hole size	Csg O.D.	Grade	Weight/Ft
Conductor	60'	20"	16"	Contractor	0.250" wall
Surface	2,000'	12 1/4"	9 5/8"	K-55	36# new
Production	0-10,000'	7 7/8"	5 1/2"	N-80	17# new
	10,000'-TD	7 7/8"	5 1/2"	P-110	17# new

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL
Surface hole: No BOPE will be utilized.
Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.
Production hole: Prior to drilling out the intermediate casing shoe, 5,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 5,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	5,000 psi
3.	Kill line valves	5,000 psi
4.	Choke line valves and choke manifold valves	5,000 psi
5.	Chokes	5,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	5,000 psi
8.	Dart valve	5,000 psi

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6. MUD SYSTEMS
- Drilling fluids: Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation the mud be aerated.
- The mud system will be monitored manually/visually.

Interval	Mud Weight (ppg)	Viscosity	Fluid Loss	Remarks
0 – 60'	8.3 – 8.6	27-40	--	Native Spud Mud
60' – 2,000'	8.3 – 8.6	27-40	15 cc or less	Native/Gel/Lime
2,000' – TD	8.6 – 9.5	38-46	15 cc or less	Potassium Formate

7. BLOOIE LINE
- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED
a. Kelly cock.
b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string
c. Float Sub at bit—No
d. Mud logger & Instrumentation--Yes

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED
- DST's: none expected
- Logging: DIFL/SP/GR TD to surface
- SDL/CNL/CAL w/ DFIL from TD to 2,500'
- Sonic/GR/Cal from TD to surface
- Mudlogger from Wasatch to TD
- Coring: none planned

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED
- No abnormal pressures or hydrogen sulfide are anticipated based on drilling within the immediate area.
- In Flat Rock Field, approximately 4.5 miles to the northwest, the Del-Rio/Orion #29-7A produced a 36 hour shut in pressure of 3,100 psi and a calculated formation pore pressure of approximately 4,000 @ 11,700'.

DRILLING PLAN

APPROVAL OF OPERATIONS

11. CEMENT SYSTEMS

Conductor: 0-60' Ready mix to surface

Surface Casing: 0-2000'

Lead: 200 sx HiFill w/ 0.125 lbm/sk Poly E-Flake

Tail: 145 sx Premium AG 300 (class G) w/ 2% CaCl & 0.125 lbm/sk Poly E-Flake

100% excess. Will top w/ cement down 1" pipe w/ 50 sx Premium top out cement

Cement Characteristics: Lead:

Yield: 3.12 cu ft/sk
Slurry weight: 11.6 ppg
Compressive strength: 500 psi (24 hrs @ 80 degrees F)

Tail:

Yield: 1.17 cu ft/sk
Slurry weight: 15.8 ppg
Compressive strength: 3000 psi (24 hrs @ 80 degrees F)

Production Casing: 0-TD;

Lead 30 sx 50:50 pozmix w/ 5 lbm/sk silicalite

Primary: 1,200 sx 50:50 pozmix w/ 5 lbm/sk silicalite

Tail: 25 sx 50:50 pozmix w/ 5 lbm/sk silicalite

15% excess

Cement Characteristics:

Yield: 1.47 cu ft/sk
Slurry weight: (not foamed): 14.3 ppg
Slurry weight: (foamed): 11.0 ppg
Compressive strength: 1,125 psi (24 hrs @ 140 degrees F: 1,500 psi)

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Actual cement volumes will be based on caliper calculations

12. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

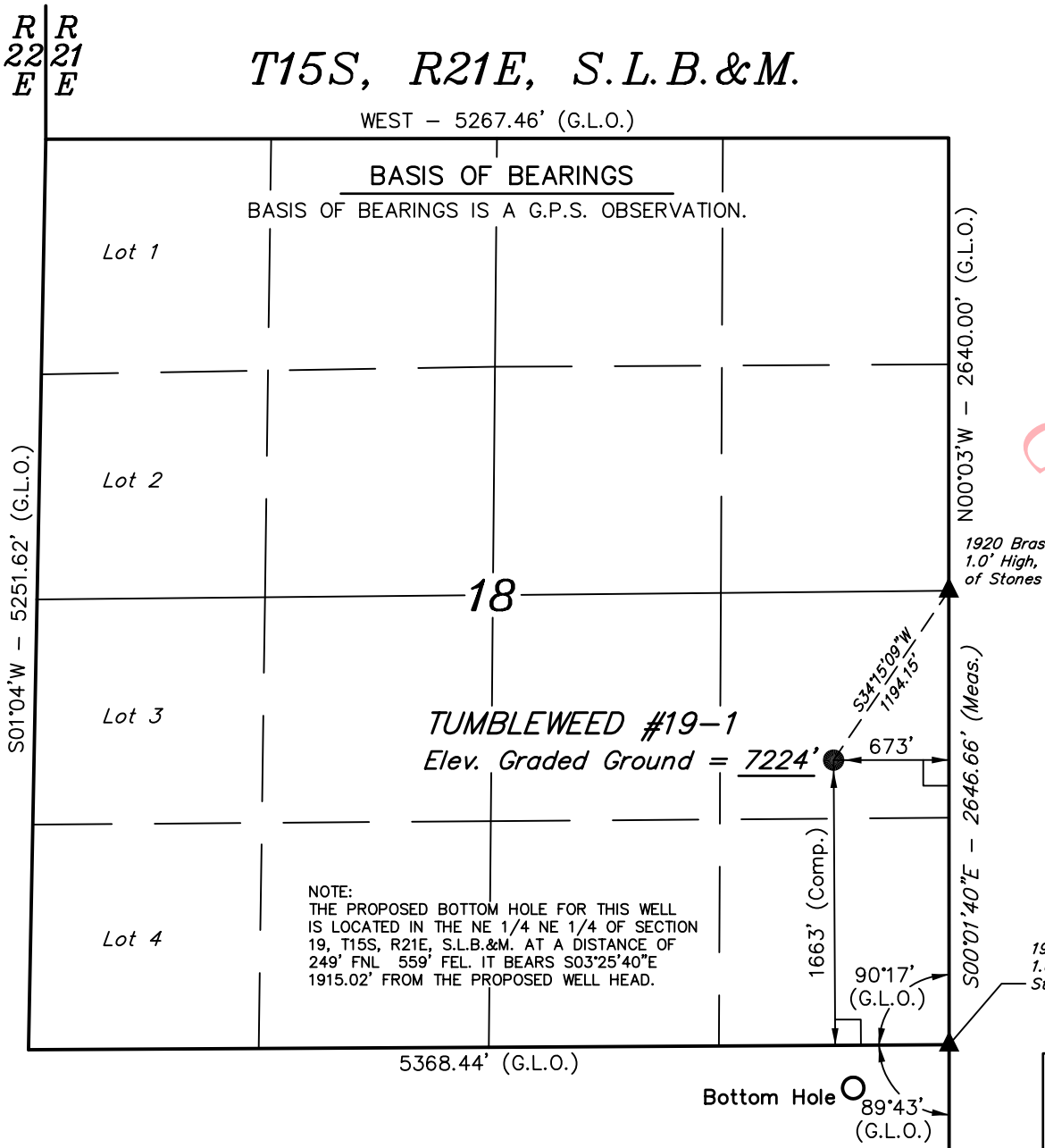
Starting Date: September 15, 2008

Duration: 21 Days

API Well No: 43047514210000

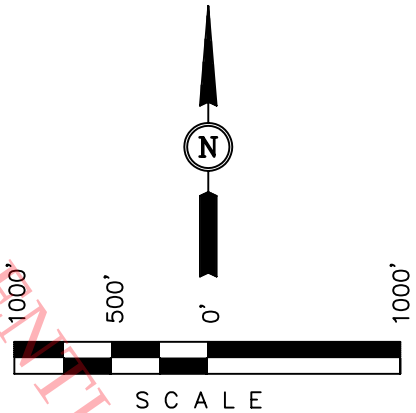
STEWART PETROLEUM CORPORATION

Well location, TUMBLEWEED #19–1, located as shown in the NE 1/4 SE 1/4 of Section 18, T15S, R21E, S.L.B.&M., Uintah County, Utah.



BASIS OF ELEVATION

TRIANGULATION STATION (WINTER) LOCATED IN THE NW 1/4 OF SECTION 25, T15S, R21E, S.L.B.&M. TAKEN FROM THE WOLF POINT QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7462 FEET.



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CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

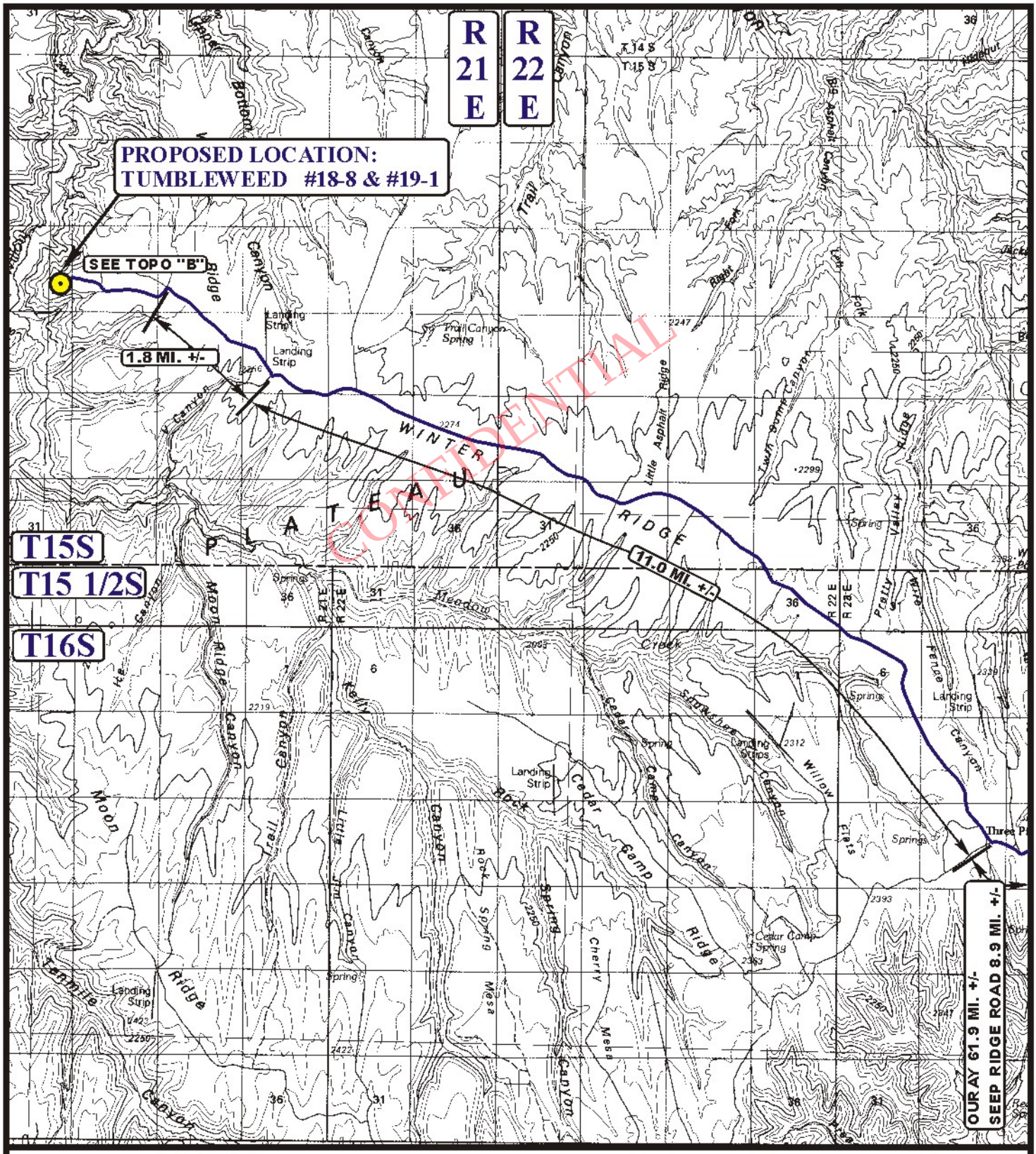
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°30'18.13" (39.505036)	LATITUDE = 39°30'37.01" (39.510281)
LONGITUDE = 109°36'06.80" (109.601889)	LONGITUDE = 109°36'08.28" (109.602300)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 39°30'18.25" (39.505069)	LATITUDE = 39°30'37.14" (39.510317)
LONGITUDE = 109°36'04.33" (109.601203)	LONGITUDE = 109°36'05.81" (109.601614)

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

SCALE 1" = 1000'	DATE SURVEYED: 04–04–08	DATE DRAWN: 04–07–08
PARTY J.R. N.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE STEWART PETROLEUM CORPORATION	

'APIWellNo:43047514210000'



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LEGEND:

PROPOSED LOCATION

N

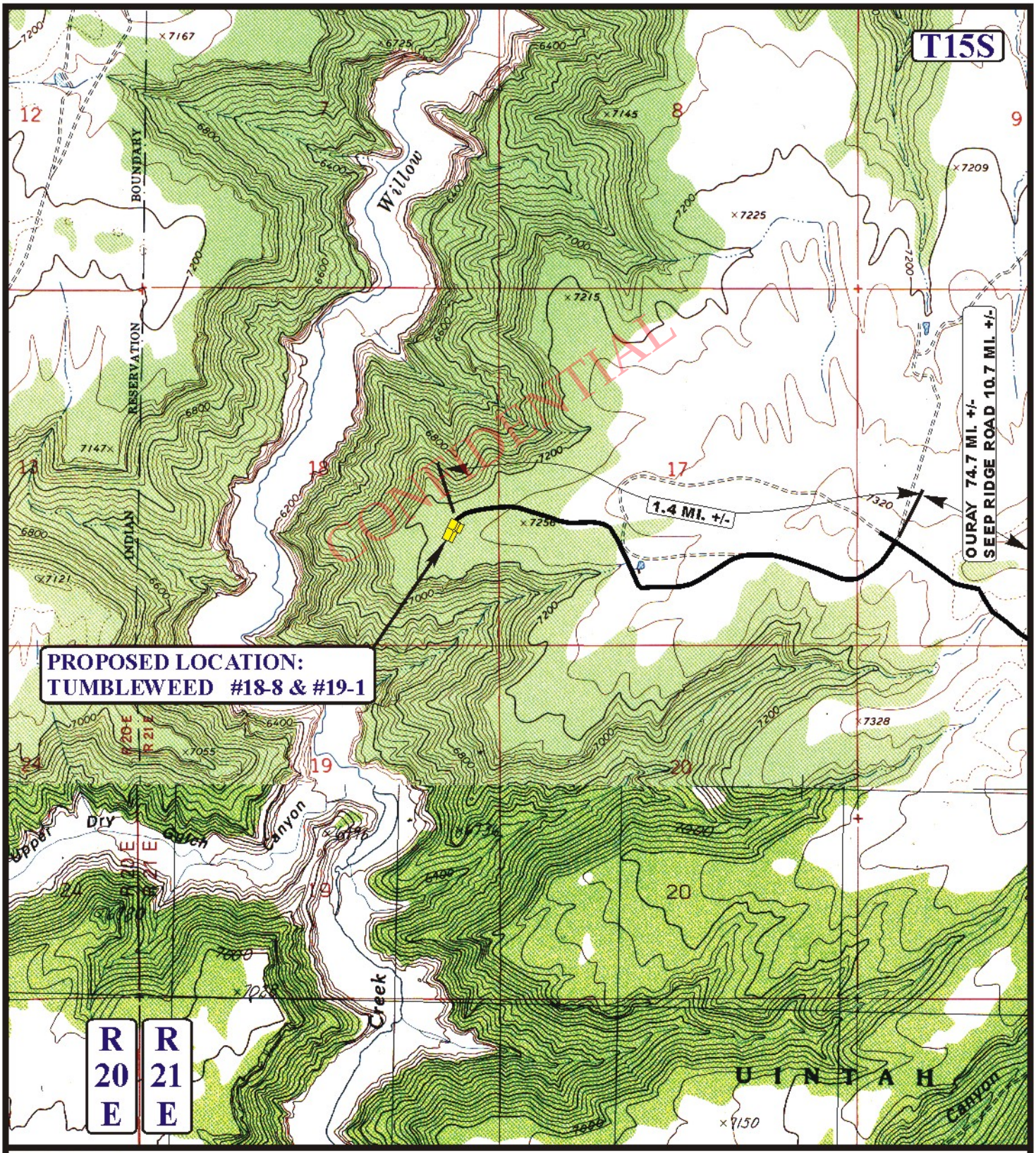
STEWART PETROLEUM CORPORATION

TUMBLEWEED #18-8 & #19-1
SECTION 18, T15S, R21E, S.L.B.&M.
NE 1/4, SE 1/4

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

TOPOGRAPHIC MAP	4 MONTH	9 DAY	08 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: G.L.	REV: 12-15-08 C.C.		

'APIWellNo:43047514210000'



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING 2-TRACK NEEDS UPGRADED

N

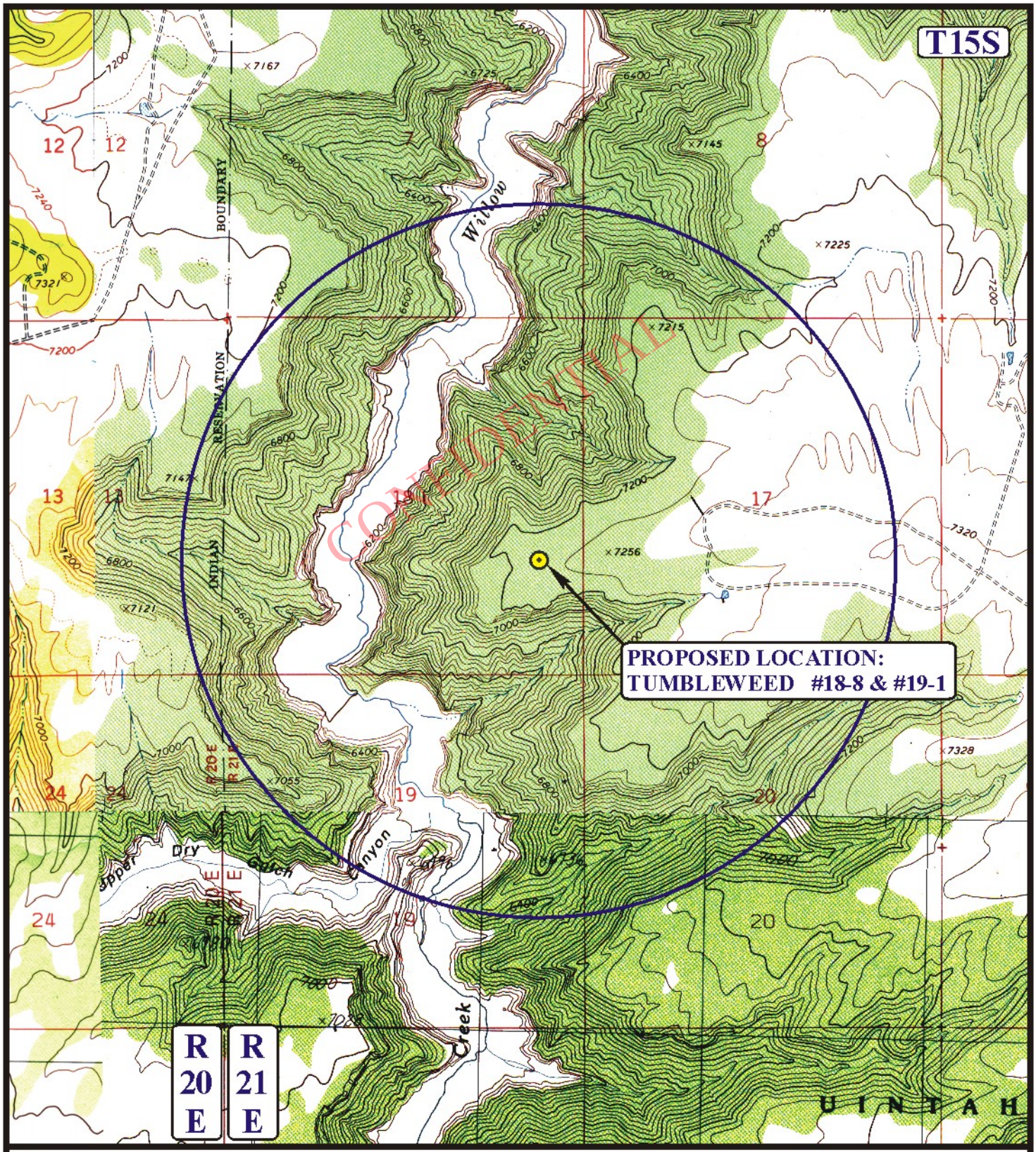
STEWART PETROLEUM CORPORATION

TUMBLEWEED #18-8 & #19-1
SECTION 18, T15S, R21E, S.L.B.&M.
NE 1/4, SE 1/4

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

TOPOGRAPHIC MAP	4 MONTH	9 DAY	08 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: G.L.	REV: 12-15-08 C.C.		

'APIWellNo:43047514210000'



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

STEWART PETROLEUM CORPORATION

TUMBLEWEED #18-8 & #19-1
SECTION 18, T15S, R21E, S.L.B.&M.
NE 1/4, SE 1/4

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

TOPOGRAPHIC MAP	4 MONTH	9 DAY	08 YEAR
SCALE: 1" = 2000'	DRAWN BY: G.L.	REV: 12-15-08 C.C.	

C TOPO

'APIWellNo:43047514210000'

STEWART PETROLEUM CORPORATION

UINTAH COUNTY, UT
TUMBLEWEED #18-9 PAD
TUMBLEWEED #19-1

TUMBLEWEED #19-1

Plan: Design #1

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Standard Planning Report

04 August, 2008

Weatherford®

'APIWellNo:43047514210000'

STEWART PETROLEUM

TUMBLEWEED #19-1
UINTAH COUNTY, UT
SECTION 18 -T15S-R21E
1,663' FSL & 673' FEL
39° 30' 37.138 N
109° 36' 5.808 W

Weatherford®

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	
3	500.0	5.00	178.78	499.7	-10.9	0.2	2.00	178.78	10.9	
4	2267.0	5.00	178.78	2260.0	-164.9	3.5	0.00	0.00	164.9	
5	2723.0	14.12	178.78	2709.2	-240.5	5.1	2.00	0.01	240.6	
6	9094.5	14.12	178.78	8888.2	-1794.5	38.1	0.00	0.00	1794.9	
7	10035.8	0.00	0.00	9820.0	-1909.9	40.5	1.50	180.00	1910.3	
8	12215.8	0.00	0.00	12000.0	-1909.9	40.5	0.00	0.00	1910.3	PBHL_TUMBLEWEED #19-1

WELL DETAILS: TUMBLEWEED #19-1

Ground Level: 7225.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	132396.87	772841.88	39° 30' 37.138 N	109° 36' 5.808 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL_TUMBLEWEED #19-1	12000.0	-1909.9	40.5	131814.74	772854.24	39° 30' 18.256 N	109° 36' 5.808 W	Circle (Radius: 100.0)

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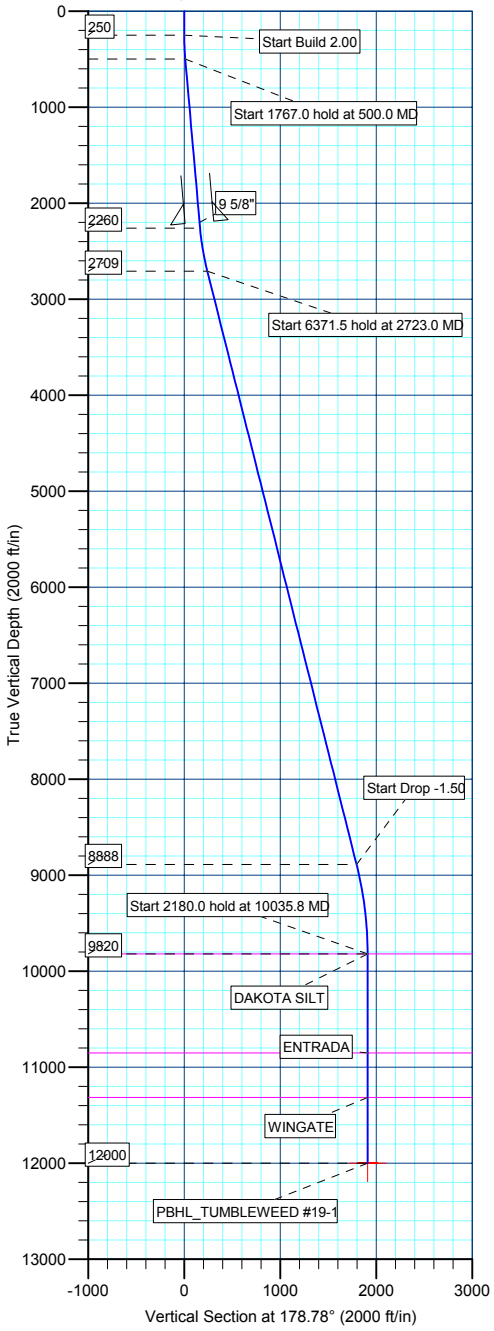
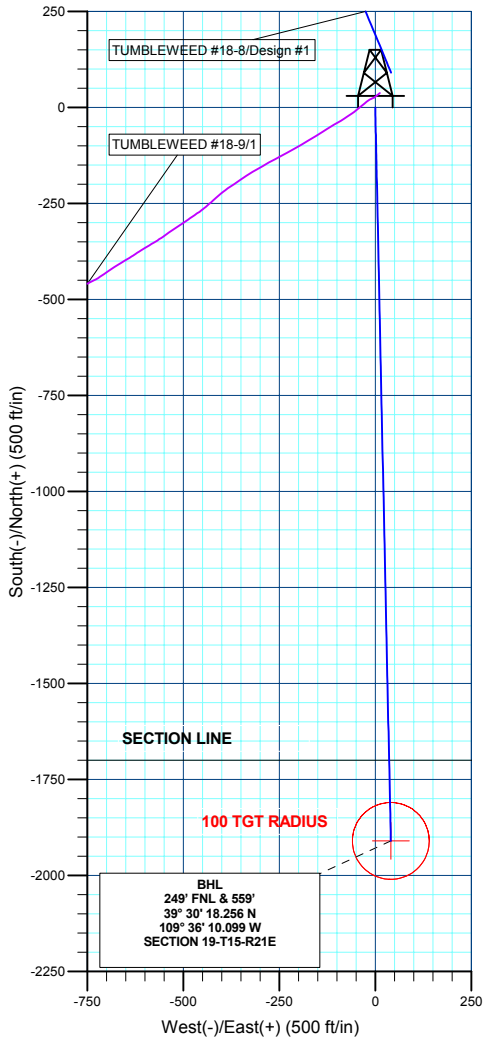
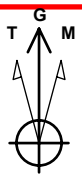
KB ELEV: WELL @ 7240.0ft (Original Well Elev)
GRD ELEV: 7225.0







Azimuths to Grid North
True North: -1.22°
Magnetic North: 10.22°

Magnetic Field
Strength: 52300.3snT
Dip Angle: 65.51°
Date: 8/4/2008
Model: BGGM2007

CASING DETAILS

TVD	MD	Name	Size
2200.0	2206.8	9 5/8"	9.625

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
9820.0	10035.8	DAKOTA SILT
10852.0	11067.8	ENTRADA
11314.0	11529.8	WINGATE

Plan: Design #1 (TUMBLEWEED #19-1/TUMBLEWEED #19-1)

Created By: Robert H. Scott

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Company:	STEWART PETROLEUM CORPORATION	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Project:	UINTAH COUNTY, UT	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site:	TUMBLEWEED #18-9 PAD	**North Reference:**	Grid
Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	TUMBLEWEED #19-1		
Design:	Design #1		

Project: UINTAH COUNTY, UT

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

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Site: TUMBLEWEED #18-9 PAD, SECTION 18 -T15S-R21E

Site Position:		**Northing:**	132,408.42 m	**Latitude:**	39° 30' 37.510 N
From:	Lat/Long	**Easting:**	772,845.40 m	**Longitude:**	109° 36' 5.650 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	0.000 in	**Grid Convergence:**	1.22 °

Well: TUMBLEWEED #19-1

Well Position	**+N/-S**	-37.9 ft	**Northing:**	132,396.87 m	**Latitude:**	39° 30' 37.138 N
	+E/-W	-11.6 ft	**Easting:**	772,841.88 m	**Longitude:**	109° 36' 5.808 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	7,225.0 ft

Wellbore: TUMBLEWEED #19-1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	8/4/2008	11.43	65.51	52,300

Design: Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	178.78

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.00	0.00	
500.0	5.00	178.78	499.7	-10.9	0.2	2.00	2.00	0.00	178.78	
2,267.0	5.00	178.78	2,260.0	-164.9	3.5	0.00	0.00	0.00	0.00	
2,723.0	14.12	178.78	2,709.2	-240.5	5.1	2.00	2.00	0.00	0.01	
9,094.5	14.12	178.78	8,888.2	-1,794.5	38.1	0.00	0.00	0.00	0.00	
10,035.8	0.00	0.00	9,820.0	-1,909.9	40.5	1.50	-1.50	0.00	180.00	
12,215.8	0.00	0.00	12,000.0	-1,909.9	40.5	0.00	0.00	0.00	0.00	PBHL_TUMBLEWE

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Company:	STEWART PETROLEUM CORPORATION	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Project:	UINTAH COUNTY, UT	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site:	TUMBLEWEED #18-9 PAD	**North Reference:**	Grid
Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	TUMBLEWEED #19-1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
250.0	0.00	0.00	250.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
300.0	1.00	178.78	300.0	-0.4	0.0	0.4	2.00	2.00	0.00
400.0	3.00	178.78	399.9	-3.9	0.1	3.9	2.00	2.00	0.00
500.0	5.00	178.78	499.7	-10.9	0.2	10.9	2.00	2.00	0.00
Start 1767.0 hold at 500.0 MD									
600.0	5.00	178.78	599.3	-19.6	0.4	19.6	0.00	0.00	0.00
700.0	5.00	178.78	698.9	-28.3	0.6	28.3	0.00	0.00	0.00
800.0	5.00	178.78	798.5	-37.0	0.8	37.0	0.00	0.00	0.00
900.0	5.00	178.78	898.2	-45.8	1.0	45.8	0.00	0.00	0.00
1,000.0	5.00	178.78	997.8	-54.5	1.2	54.5	0.00	0.00	0.00
1,100.0	5.00	178.78	1,097.4	-63.2	1.3	63.2	0.00	0.00	0.00
1,200.0	5.00	178.78	1,197.0	-71.9	1.5	71.9	0.00	0.00	0.00
1,300.0	5.00	178.78	1,296.6	-80.6	1.7	80.6	0.00	0.00	0.00
1,400.0	5.00	178.78	1,396.3	-89.3	1.9	89.3	0.00	0.00	0.00
1,500.0	5.00	178.78	1,495.9	-98.0	2.1	98.1	0.00	0.00	0.00
1,600.0	5.00	178.78	1,595.5	-106.7	2.3	106.8	0.00	0.00	0.00
1,700.0	5.00	178.78	1,695.1	-115.5	2.5	115.5	0.00	0.00	0.00
1,800.0	5.00	178.78	1,794.7	-124.2	2.6	124.2	0.00	0.00	0.00
1,900.0	5.00	178.78	1,894.4	-132.9	2.8	132.9	0.00	0.00	0.00
2,000.0	5.00	178.78	1,994.0	-141.6	3.0	141.6	0.00	0.00	0.00
2,100.0	5.00	178.78	2,093.6	-150.3	3.2	150.4	0.00	0.00	0.00
2,200.0	5.00	178.78	2,193.2	-159.0	3.4	159.1	0.00	0.00	0.00
2,206.8	5.00	178.78	2,200.0	-159.6	3.4	159.7	0.00	0.00	0.00
9 5/8"									
2,267.0	5.00	178.78	2,260.0	-164.9	3.5	164.9	0.00	0.00	0.00
Start DLS 2.00 TFO 0.01									
2,300.0	5.66	178.78	2,292.8	-167.9	3.6	168.0	2.00	2.00	0.00
2,400.0	7.66	178.78	2,392.1	-179.5	3.8	179.6	2.00	2.00	0.00
2,500.0	9.66	178.78	2,491.0	-194.6	4.1	194.6	2.00	2.00	0.00
2,600.0	11.66	178.78	2,589.3	-213.1	4.5	213.1	2.00	2.00	0.00
2,700.0	13.66	178.78	2,686.8	-235.0	5.0	235.0	2.00	2.00	0.00
2,723.0	14.12	178.78	2,709.2	-240.5	5.1	240.6	2.00	2.00	0.00
Start 6371.5 hold at 2723.0 MD									
2,800.0	14.12	178.78	2,783.8	-259.3	5.5	259.3	0.00	0.00	0.00
2,900.0	14.12	178.78	2,880.8	-283.7	6.0	283.7	0.00	0.00	0.00
3,000.0	14.12	178.78	2,977.8	-308.1	6.6	308.1	0.00	0.00	0.00
3,100.0	14.12	178.78	3,074.8	-332.4	7.1	332.5	0.00	0.00	0.00
3,200.0	14.12	178.78	3,171.7	-356.8	7.6	356.9	0.00	0.00	0.00
3,300.0	14.12	178.78	3,268.7	-381.2	8.1	381.3	0.00	0.00	0.00
3,400.0	14.12	178.78	3,365.7	-405.6	8.6	405.7	0.00	0.00	0.00
3,500.0	14.12	178.78	3,462.7	-430.0	9.1	430.1	0.00	0.00	0.00
3,600.0	14.12	178.78	3,559.7	-454.4	9.7	454.5	0.00	0.00	0.00
3,700.0	14.12	178.78	3,656.6	-478.8	10.2	478.9	0.00	0.00	0.00
3,800.0	14.12	178.78	3,753.6	-503.2	10.7	503.3	0.00	0.00	0.00
3,900.0	14.12	178.78	3,850.6	-527.6	11.2	527.7	0.00	0.00	0.00
4,000.0	14.12	178.78	3,947.6	-552.0	11.7	552.1	0.00	0.00	0.00
4,100.0	14.12	178.78	4,044.5	-576.3	12.2	576.5	0.00	0.00	0.00
4,200.0	14.12	178.78	4,141.5	-600.7	12.8	600.9	0.00	0.00	0.00
4,300.0	14.12	178.78	4,238.5	-625.1	13.3	625.3	0.00	0.00	0.00
4,400.0	14.12	178.78	4,335.5	-649.5	13.8	649.7	0.00	0.00	0.00
4,500.0	14.12	178.78	4,432.5	-673.9	14.3	674.1	0.00	0.00	0.00
4,600.0	14.12	178.78	4,529.4	-698.3	14.8	698.4	0.00	0.00	0.00

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Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Company:	STEWART PETROLEUM CORPORATION	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Project:	UINTAH COUNTY, UT	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site:	TUMBLEWEED #18-9 PAD	**North Reference:**	Grid
Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	TUMBLEWEED #19-1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.0	14.12	178.78	4,626.4	-722.7	15.4	722.8	0.00	0.00	0.00
4,800.0	14.12	178.78	4,723.4	-747.1	15.9	747.2	0.00	0.00	0.00
4,900.0	14.12	178.78	4,820.4	-771.5	16.4	771.6	0.00	0.00	0.00
5,000.0	14.12	178.78	4,917.4	-795.8	16.9	796.0	0.00	0.00	0.00
5,100.0	14.12	178.78	5,014.3	-820.2	17.4	820.4	0.00	0.00	0.00
5,200.0	14.12	178.78	5,111.3	-844.6	17.9	844.8	0.00	0.00	0.00
5,300.0	14.12	178.78	5,208.3	-869.0	18.5	869.2	0.00	0.00	0.00
5,400.0	14.12	178.78	5,305.3	-893.4	19.0	893.6	0.00	0.00	0.00
5,500.0	14.12	178.78	5,402.3	-917.8	19.5	918.0	0.00	0.00	0.00
5,600.0	14.12	178.78	5,499.2	-942.2	20.0	942.4	0.00	0.00	0.00
5,700.0	14.12	178.78	5,596.2	-966.6	20.5	966.8	0.00	0.00	0.00
5,800.0	14.12	178.78	5,693.2	-991.0	21.0	991.2	0.00	0.00	0.00
5,900.0	14.12	178.78	5,790.2	-1,015.4	21.6	1,015.6	0.00	0.00	0.00
6,000.0	14.12	178.78	5,887.1	-1,039.7	22.1	1,040.0	0.00	0.00	0.00
6,100.0	14.12	178.78	5,984.1	-1,064.1	22.6	1,064.4	0.00	0.00	0.00
6,200.0	14.12	178.78	6,081.1	-1,088.5	23.1	1,088.8	0.00	0.00	0.00
6,300.0	14.12	178.78	6,178.1	-1,112.9	23.6	1,113.2	0.00	0.00	0.00
6,400.0	14.12	178.78	6,275.1	-1,137.3	24.1	1,137.6	0.00	0.00	0.00
6,500.0	14.12	178.78	6,372.0	-1,161.7	24.7	1,162.0	0.00	0.00	0.00
6,600.0	14.12	178.78	6,469.0	-1,186.1	25.2	1,186.4	0.00	0.00	0.00
6,700.0	14.12	178.78	6,566.0	-1,210.5	25.7	1,210.7	0.00	0.00	0.00
6,800.0	14.12	178.78	6,663.0	-1,234.9	26.2	1,235.1	0.00	0.00	0.00
6,900.0	14.12	178.78	6,760.0	-1,259.3	26.7	1,259.5	0.00	0.00	0.00
7,000.0	14.12	178.78	6,856.9	-1,283.6	27.3	1,283.9	0.00	0.00	0.00
7,100.0	14.12	178.78	6,953.9	-1,308.0	27.8	1,308.3	0.00	0.00	0.00
7,200.0	14.12	178.78	7,050.9	-1,332.4	28.3	1,332.7	0.00	0.00	0.00
7,300.0	14.12	178.78	7,147.9	-1,356.8	28.8	1,357.1	0.00	0.00	0.00
7,400.0	14.12	178.78	7,244.8	-1,381.2	29.3	1,381.5	0.00	0.00	0.00
7,500.0	14.12	178.78	7,341.8	-1,405.6	29.8	1,405.9	0.00	0.00	0.00
7,600.0	14.12	178.78	7,438.8	-1,430.0	30.4	1,430.3	0.00	0.00	0.00
7,700.0	14.12	178.78	7,535.8	-1,454.4	30.9	1,454.7	0.00	0.00	0.00
7,800.0	14.12	178.78	7,632.8	-1,478.8	31.4	1,479.1	0.00	0.00	0.00
7,900.0	14.12	178.78	7,729.7	-1,503.1	31.9	1,503.5	0.00	0.00	0.00
8,000.0	14.12	178.78	7,826.7	-1,527.5	32.4	1,527.9	0.00	0.00	0.00
8,100.0	14.12	178.78	7,923.7	-1,551.9	32.9	1,552.3	0.00	0.00	0.00
8,200.0	14.12	178.78	8,020.7	-1,576.3	33.5	1,576.7	0.00	0.00	0.00
8,300.0	14.12	178.78	8,117.7	-1,600.7	34.0	1,601.1	0.00	0.00	0.00
8,400.0	14.12	178.78	8,214.6	-1,625.1	34.5	1,625.5	0.00	0.00	0.00
8,500.0	14.12	178.78	8,311.6	-1,649.5	35.0	1,649.9	0.00	0.00	0.00
8,600.0	14.12	178.78	8,408.6	-1,673.9	35.5	1,674.3	0.00	0.00	0.00
8,700.0	14.12	178.78	8,505.6	-1,698.3	36.1	1,698.6	0.00	0.00	0.00
8,800.0	14.12	178.78	8,602.6	-1,722.7	36.6	1,723.0	0.00	0.00	0.00
8,900.0	14.12	178.78	8,699.5	-1,747.0	37.1	1,747.4	0.00	0.00	0.00
9,000.0	14.12	178.78	8,796.5	-1,771.4	37.6	1,771.8	0.00	0.00	0.00
9,094.5	14.12	178.78	8,888.2	-1,794.5	38.1	1,794.9	0.00	0.00	0.00
Start Drop -1.50									
9,100.0	14.04	178.78	8,893.5	-1,795.8	38.1	1,796.2	1.50	-1.50	0.00
9,200.0	12.54	178.78	8,990.8	-1,818.8	38.6	1,819.2	1.50	-1.50	0.00
9,300.0	11.04	178.78	9,088.7	-1,839.2	39.0	1,839.6	1.50	-1.50	0.00
9,400.0	9.54	178.78	9,187.1	-1,857.1	39.4	1,857.5	1.50	-1.50	0.00
9,500.0	8.04	178.78	9,285.9	-1,872.3	39.7	1,872.8	1.50	-1.50	0.00
9,600.0	6.54	178.78	9,385.1	-1,885.0	40.0	1,885.5	1.50	-1.50	0.00
9,700.0	5.04	178.78	9,484.6	-1,895.1	40.2	1,895.5	1.50	-1.50	0.00
9,800.0	3.54	178.78	9,584.3	-1,902.6	40.4	1,903.0	1.50	-1.50	0.00

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Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Company:	STEWART PETROLEUM CORPORATION	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Project:	UINTAH COUNTY, UT	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site:	TUMBLEWEED #18-9 PAD	**North Reference:**	Grid
Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	TUMBLEWEED #19-1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,900.0	2.04	178.78	9,684.2	-1,907.5	40.5	1,907.9	1.50	-1.50	0.00
10,000.0	0.54	178.78	9,784.2	-1,909.7	40.5	1,910.1	1.50	-1.50	0.00
10,035.8	0.00	0.00	9,820.0	-1,909.9	40.5	1,910.3	1.50	-1.50	0.00
Start 2180.0 hold at 10035.8 MD - DAKOTA SILT									
10,100.0	0.00	0.00	9,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,200.0	0.00	0.00	9,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,084.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,400.0	0.00	0.00	10,184.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,500.0	0.00	0.00	10,284.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,384.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,484.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,584.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,684.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,784.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,067.8	0.00	0.00	10,852.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
ENTRADA									
11,100.0	0.00	0.00	10,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,200.0	0.00	0.00	10,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,084.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,184.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,284.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,529.8	0.00	0.00	11,314.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
WINGATE									
11,600.0	0.00	0.00	11,384.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,484.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,800.0	0.00	0.00	11,584.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,900.0	0.00	0.00	11,684.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,000.0	0.00	0.00	11,784.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,100.0	0.00	0.00	11,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,200.0	0.00	0.00	11,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,215.8	0.00	0.00	12,000.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
TD at 12215.8									

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Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,206.8	2,200.0	9 5/8"	9.625	12.250

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
10,035.8	9,820.0	DAKOTA SILT		0.00	
11,067.8	10,852.0	ENTRADA		0.00	
11,529.8	11,314.0	WINGATE		0.00	

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Company:	STEWART PETROLEUM CORPORATION	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Project:	UINTAH COUNTY, UT	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site:	TUMBLEWEED #18-9 PAD	**North Reference:**	Grid
Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	TUMBLEWEED #19-1		
Design:	Design #1		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
250.0	250.0	0.0	0.0	Start Build 2.00
500.0	499.7	-10.9	0.2	Start 1767.0 hold at 500.0 MD
2,267.0	2,260.0	-164.9	3.5	Start DLS 2.00 TFO 0.01
2,723.0	2,709.2	-240.5	5.1	Start 6371.5 hold at 2723.0 MD
9,094.5	8,888.2	-1,794.5	38.1	Start Drop -1.50
10,035.8	9,820.0	-1,909.9	40.5	Start 2180.0 hold at 10035.8 MD
12,215.8	12,000.0	-1,909.9	40.5	TD at 12215.8

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'APIWellNo:43047514210000'

STEWART PETROLEUM CORPORATION

UINTAH COUNTY, UT
TUMBLEWEED #18-9 PAD
TUMBLEWEED #19-1

TUMBLEWEED #19-1
Design #1

CONFIDENTIAL

Anticollision Report

04 August, 2008

Weatherford®

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Design #1

Filter type: NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method: Stations
Depth Range: 0.0 to 20,000.0ft
Results Limited by: Maximum center-center distance of 10,000.0ft
Warning Levels Evaluated at: 2.00 **Sigma**

Error Model: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic

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Survey Tool Program **Date** 8/4/2008

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	12,215.8	Design #1 (TUMBLEWEED #19-1)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
TUMBLEWEED #18-9 PAD						
TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #	0.0	0.0	99.8			
TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #	250.0	250.0	99.8	99.8	10,000.000	CC, ES
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1	0.0	0.0	39.6			
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1	254.2	254.2	39.5	39.5	10,000.000	CC, ES
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1	0.0	0.0	39.6			
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1	250.0	250.0	39.6	39.6	10,000.000	CC, ES

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1

Offset Site Error: 0.0 ft
Offset Well Error: 0.0 ft

Survey Program: 0-MWD

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	24.41	90.9	41.2	99.8				
100.0	100.0	100.0	100.0	0.1	0.1	24.41	90.9	41.2	99.8	99.8	0.00	N/A	
200.0	200.0	200.0	200.0	0.3	0.3	24.41	90.9	41.2	99.8	99.8	0.00	N/A	
250.0	250.0	250.0	250.0	0.4	0.4	24.41	90.9	41.2	99.8	99.8	0.00	N/A	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-154.47	90.9	41.2	100.2	100.2	0.00	N/A	
400.0	399.9	399.9	399.9	0.7	0.8	-155.28	90.9	41.2	103.3	103.3	0.00	N/A	
500.0	499.7	499.7	499.7	0.9	1.0	-156.75	90.9	41.2	109.7	109.7	0.00	N/A	
600.0	599.3	599.3	599.3	1.2	1.2	-158.42	90.9	41.2	117.8	117.8	0.00	N/A	
700.0	698.9	698.9	698.9	1.5	1.4	-159.88	90.9	41.2	125.9	125.9	0.00	N/A	
800.0	798.5	798.5	798.5	1.7	1.7	-161.16	90.9	41.2	134.2	134.2	0.00	N/A	
900.0	898.2	898.2	898.2	2.0	1.9	-162.29	90.9	41.2	142.4	142.4	0.00	N/A	
1,000.0	997.8	997.8	997.8	2.3	2.1	-163.30	90.9	41.2	150.8	150.8	0.00	N/A	
1,100.0	1,097.4	1,097.4	1,097.4	2.5	2.3	-164.20	90.9	41.2	159.1	159.1	0.00	N/A	
1,200.0	1,197.0	1,197.0	1,197.0	2.8	2.6	-165.01	90.9	41.2	167.5	167.5	0.00	N/A	
1,300.0	1,296.6	1,296.6	1,296.6	3.1	2.8	-165.75	90.9	41.2	176.0	176.0	0.00	N/A	
1,400.0	1,396.3	1,396.3	1,396.3	3.4	3.0	-166.41	90.9	41.2	184.4	184.4	0.00	N/A	
1,500.0	1,495.9	1,495.9	1,495.9	3.7	3.2	-167.02	90.9	41.2	192.9	192.9	0.00	N/A	
1,600.0	1,595.5	1,595.5	1,595.5	3.9	3.5	-167.58	90.9	41.2	201.4	201.4	0.00	N/A	
1,700.0	1,695.1	1,695.1	1,695.1	4.2	3.7	-168.09	90.9	41.2	209.9	209.9	0.00	N/A	
1,800.0	1,794.7	1,794.7	1,794.7	4.5	3.9	-168.56	90.9	41.2	218.5	218.5	0.00	N/A	
1,900.0	1,894.4	1,894.4	1,894.4	4.8	4.1	-169.00	90.9	41.2	227.0	227.0	0.00	N/A	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 0-MWD

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,000.0	1,994.0	1,994.0	1,994.0	5.1	4.4	-169.40	90.9	41.2	235.6	235.6	0.00	N/A	
2,100.0	2,093.6	2,093.6	2,093.6	5.3	4.6	-169.78	90.9	41.2	244.2	244.2	0.00	N/A	
2,200.0	2,193.2	2,193.2	2,193.2	5.6	4.8	-170.13	90.9	41.2	252.8	252.8	0.00	N/A	
2,267.0	2,260.0	2,260.0	2,260.0	5.8	5.0	-170.35	90.9	41.2	258.5	258.5	0.00	N/A	
2,300.0	2,292.8	2,290.4	2,290.4	5.9	5.0	-170.46	91.0	41.2	261.7	261.7	0.00	N/A	
2,400.0	2,392.1	2,382.0	2,382.0	6.2	5.2	-171.05	93.3	40.2	275.4	275.4	0.00	N/A	
2,500.0	2,491.0	2,472.1	2,471.9	6.6	5.4	-171.94	98.1	38.2	295.3	295.3	0.00	N/A	
2,600.0	2,589.3	2,560.1	2,559.6	6.9	5.6	-173.01	105.4	35.2	321.3	321.3	0.00	N/A	
2,700.0	2,686.8	2,645.6	2,644.5	7.4	5.8	-174.16	114.8	31.3	353.3	353.3	0.00	N/A	
2,723.0	2,709.2	2,664.9	2,663.6	7.5	5.9	-174.42	117.2	30.3	361.5	361.5	0.00	N/A	
2,800.0	2,783.8	2,735.0	2,733.0	7.8	6.0	-175.41	126.6	26.4	389.8	389.8	0.00	N/A	
2,900.0	2,880.8	2,827.7	2,824.7	8.3	6.3	-176.51	138.9	21.2	426.6	426.6	0.00	N/A	
3,000.0	2,977.8	2,920.4	2,916.4	8.8	6.5	-177.44	151.3	16.1	463.6	463.6	0.00	N/A	
3,100.0	3,074.8	3,013.1	3,008.1	9.2	6.8	-178.23	163.7	10.9	500.6	500.6	0.00	N/A	
3,200.0	3,171.7	3,105.7	3,099.8	9.7	7.0	-178.91	176.0	5.8	537.7	537.7	0.00	N/A	
3,300.0	3,268.7	3,198.4	3,191.5	10.2	7.3	-179.51	188.4	0.6	574.9	574.9	0.00	N/A	
3,400.0	3,365.7	3,291.1	3,283.2	10.7	7.5	179.97	200.8	-4.5	612.1	612.1	0.00	N/A	
3,500.0	3,462.7	3,383.8	3,374.9	11.2	7.8	179.51	213.2	-9.7	649.4	649.4	0.00	N/A	
3,600.0	3,559.7	3,476.5	3,466.6	11.7	8.1	179.09	225.5	-14.9	686.7	686.7	0.00	N/A	
3,700.0	3,656.6	3,569.1	3,558.3	12.2	8.3	178.72	237.9	-20.0	724.0	724.0	0.00	N/A	
3,800.0	3,753.6	3,661.8	3,650.0	12.7	8.6	178.39	250.3	-25.2	761.4	761.4	0.00	N/A	
3,900.0	3,850.6	3,754.5	3,741.7	13.2	8.9	178.09	262.6	-30.3	798.7	798.7	0.00	N/A	
4,000.0	3,947.6	3,847.2	3,833.4	13.7	9.2	177.81	275.0	-35.5	836.1	836.1	0.00	N/A	
4,100.0	4,044.5	3,939.8	3,925.1	14.2	9.5	177.56	287.4	-40.6	873.5	873.5	0.00	N/A	
4,200.0	4,141.5	4,032.5	4,016.8	14.6	9.8	177.33	299.7	-45.8	910.9	910.9	0.00	N/A	
4,300.0	4,238.5	4,125.2	4,108.5	15.1	10.0	177.11	312.1	-50.9	948.4	948.4	0.00	N/A	
4,400.0	4,335.5	4,217.9	4,200.2	15.6	10.3	176.92	324.5	-56.1	985.8	985.8	0.00	N/A	
4,500.0	4,432.5	4,310.5	4,291.9	16.2	10.6	176.73	336.8	-61.2	1,023.2	1,023.2	0.00	N/A	
4,600.0	4,529.4	4,403.2	4,383.6	16.7	10.9	176.56	349.2	-66.4	1,060.7	1,060.7	0.00	N/A	
4,700.0	4,626.4	4,495.9	4,475.3	17.2	11.2	176.40	361.6	-71.5	1,098.2	1,098.2	0.00	N/A	
4,800.0	4,723.4	4,588.6	4,567.0	17.7	11.5	176.26	373.9	-76.7	1,135.6	1,135.6	0.00	N/A	
4,900.0	4,820.4	4,681.3	4,658.7	18.2	11.8	176.12	386.3	-81.8	1,173.1	1,173.1	0.00	N/A	
5,000.0	4,917.4	4,773.9	4,750.4	18.7	12.1	175.99	398.7	-87.0	1,210.6	1,210.6	0.00	N/A	
5,100.0	5,014.3	4,866.6	4,842.1	19.2	12.4	175.87	411.0	-92.1	1,248.1	1,248.1	0.00	N/A	
5,200.0	5,111.3	4,959.3	4,933.8	19.7	12.7	175.75	423.4	-97.3	1,285.6	1,285.6	0.00	N/A	
5,300.0	5,208.3	5,052.0	5,025.5	20.2	13.0	175.64	435.8	-102.4	1,323.0	1,323.0	0.00	N/A	
5,400.0	5,305.3	5,144.6	5,117.2	20.7	13.3	175.54	448.1	-107.6	1,360.5	1,360.5	0.00	N/A	
5,500.0	5,402.3	5,237.3	5,208.9	21.2	13.6	175.44	460.5	-112.8	1,398.0	1,398.0	0.00	N/A	
5,600.0	5,499.2	5,330.0	5,300.6	21.7	13.9	175.35	472.9	-117.9	1,435.6	1,435.6	0.00	N/A	
5,700.0	5,596.2	5,422.7	5,392.4	22.2	14.2	175.26	485.2	-123.1	1,473.1	1,473.1	0.00	N/A	
5,800.0	5,693.2	5,515.3	5,484.1	22.7	14.5	175.18	497.6	-128.2	1,510.6	1,510.6	0.00	N/A	
5,900.0	5,790.2	5,608.0	5,575.8	23.2	14.9	175.10	510.0	-133.4	1,548.1	1,548.1	0.00	N/A	
6,000.0	5,887.1	5,700.7	5,667.5	23.7	15.2	175.03	522.3	-138.5	1,585.6	1,585.6	0.00	N/A	
6,100.0	5,984.1	5,793.4	5,759.2	24.2	15.5	174.96	534.7	-143.7	1,623.1	1,623.1	0.00	N/A	
6,200.0	6,081.1	5,886.0	5,850.9	24.7	15.8	174.89	547.1	-148.8	1,660.6	1,660.6	0.00	N/A	
6,300.0	6,178.1	5,978.7	5,942.6	25.3	16.1	174.82	559.4	-154.0	1,698.2	1,698.2	0.00	N/A	
6,400.0	6,275.1	6,071.4	6,034.3	25.8	16.4	174.76	571.8	-159.1	1,735.7	1,735.7	0.00	N/A	
6,500.0	6,372.0	6,164.1	6,126.0	26.3	16.7	174.70	584.2	-164.3	1,773.2	1,773.2	0.00	N/A	
6,600.0	6,469.0	6,256.8	6,217.7	26.8	17.0	174.64	596.5	-169.4	1,810.7	1,810.7	0.00	N/A	
6,700.0	6,566.0	6,349.4	6,309.4	27.3	17.3	174.59	608.9	-174.6	1,848.3	1,848.3	0.00	N/A	
6,800.0	6,663.0	6,442.1	6,401.1	27.8	17.6	174.53	621.3	-179.7	1,885.8	1,885.8	0.00	N/A	
6,900.0	6,760.0	6,534.8	6,492.8	28.3	18.0	174.48	633.6	-184.9	1,923.3	1,923.3	0.00	N/A	

CONFIDENTIAL

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 0-MWD

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,000.0	6,856.9	6,627.5	6,584.5	28.8	18.3	174.43	646.0	-190.0	1,960.9	1,960.9	0.00	N/A	
7,100.0	6,953.9	6,720.1	6,676.2	29.3	18.6	174.39	658.4	-195.2	1,998.4	1,998.4	0.00	N/A	
7,200.0	7,050.9	6,812.8	6,767.9	29.8	18.9	174.34	670.7	-200.3	2,035.9	2,035.9	0.00	N/A	
7,300.0	7,147.9	6,905.5	6,859.6	30.3	19.2	174.30	683.1	-205.5	2,073.5	2,073.5	0.00	N/A	
7,400.0	7,244.8	6,998.2	6,951.3	30.9	19.5	174.25	695.5	-210.7	2,111.0	2,111.0	0.00	N/A	
7,500.0	7,341.8	7,090.8	7,043.0	31.4	19.8	174.21	707.8	-215.8	2,148.5	2,148.5	0.00	N/A	
7,600.0	7,438.8	7,183.5	7,134.7	31.9	20.1	174.17	720.2	-221.0	2,186.1	2,186.1	0.00	N/A	
7,700.0	7,535.8	7,276.2	7,226.4	32.4	20.5	174.14	732.6	-226.1	2,223.6	2,223.6	0.00	N/A	
7,800.0	7,632.8	7,368.9	7,318.1	32.9	20.8	174.10	744.9	-231.3	2,261.1	2,261.1	0.00	N/A	
7,900.0	7,729.7	7,461.6	7,409.8	33.4	21.1	174.06	757.3	-236.4	2,298.7	2,298.7	0.00	N/A	
8,000.0	7,826.7	7,554.2	7,501.5	33.9	21.4	174.03	769.7	-241.6	2,336.2	2,336.2	0.00	N/A	
8,100.0	7,923.7	7,646.9	7,593.2	34.4	21.7	174.00	782.0	-246.7	2,373.8	2,373.8	0.00	N/A	
8,200.0	8,020.7	7,739.6	7,684.9	34.9	22.0	173.96	794.4	-251.9	2,411.3	2,411.3	0.00	N/A	
8,300.0	8,117.7	7,832.3	7,776.6	35.4	22.3	173.93	806.8	-257.0	2,448.9	2,448.9	0.00	N/A	
8,400.0	8,214.6	7,924.9	7,868.3	36.0	22.7	173.90	819.1	-262.2	2,486.4	2,486.4	0.00	N/A	
8,500.0	8,311.6	8,017.6	7,960.0	36.5	23.0	173.87	831.5	-267.3	2,523.9	2,523.9	0.00	N/A	
8,600.0	8,408.6	8,110.3	8,051.7	37.0	23.3	173.85	843.9	-272.5	2,561.5	2,561.5	0.00	N/A	
8,700.0	8,505.6	8,203.0	8,143.4	37.5	23.6	173.82	856.2	-277.6	2,599.0	2,599.0	0.00	N/A	
8,800.0	8,602.6	8,295.6	8,235.2	38.0	23.9	173.79	868.6	-282.8	2,636.6	2,636.6	0.00	N/A	
8,900.0	8,699.5	8,388.3	8,326.9	38.5	24.2	173.76	881.0	-287.9	2,674.1	2,674.1	0.00	N/A	
9,000.0	8,796.5	8,481.0	8,418.6	39.0	24.6	173.74	893.3	-293.1	2,711.7	2,711.7	0.00	N/A	
9,094.5	8,888.2	8,568.6	8,505.2	39.5	24.9	173.72	905.0	-298.0	2,747.2	2,747.2	0.00	N/A	
9,100.0	8,893.5	8,573.7	8,510.3	39.5	24.9	173.72	905.7	-298.2	2,749.2	2,749.2	0.00	N/A	
9,200.0	8,990.8	8,666.9	8,602.5	39.9	25.2	173.75	918.1	-303.4	2,785.4	2,785.4	0.00	N/A	
9,300.0	9,088.7	8,761.0	8,695.6	40.2	25.5	173.78	930.7	-308.7	2,819.2	2,819.2	0.00	N/A	
9,400.0	9,187.1	8,855.9	8,789.6	40.5	25.8	173.79	943.4	-313.9	2,850.5	2,850.5	0.00	N/A	
9,500.0	9,285.9	8,951.7	8,884.3	40.7	26.2	173.80	956.1	-319.3	2,879.3	2,879.3	0.00	N/A	
9,600.0	9,385.1	9,048.1	8,979.7	41.0	26.5	173.80	969.0	-324.6	2,905.7	2,905.7	0.00	N/A	
9,700.0	9,484.6	9,145.2	9,075.8	41.2	26.8	173.78	982.0	-330.0	2,929.5	2,929.5	0.00	N/A	
9,800.0	9,584.3	9,242.9	9,172.4	41.3	27.2	173.76	995.0	-335.5	2,950.8	2,950.8	0.00	N/A	
9,900.0	9,684.2	9,341.0	9,269.6	41.5	27.5	173.73	1,008.1	-340.9	2,969.5	2,969.5	0.00	N/A	
10,000.0	9,784.2	9,615.0	9,541.5	41.6	28.2	173.60	1,038.2	-353.4	2,984.0	2,984.0	0.00	N/A	
10,035.8	9,820.0	9,761.0	9,687.2	41.6	28.5	-7.66	1,047.0	-357.1	2,986.4	2,986.4	0.00	N/A	
10,100.0	9,884.2	9,958.0	9,884.2	41.7	28.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,200.0	9,984.2	10,058.0	9,984.2	41.8	29.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,300.0	10,084.2	10,158.0	10,084.2	41.9	29.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,400.0	10,184.2	10,258.0	10,184.2	41.9	29.3	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,500.0	10,284.2	10,358.0	10,284.2	42.0	29.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,600.0	10,384.2	10,458.0	10,384.2	42.1	29.6	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,700.0	10,484.2	10,558.0	10,484.2	42.2	29.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,800.0	10,584.2	10,658.0	10,584.2	42.3	30.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,900.0	10,684.2	10,758.0	10,684.2	42.4	30.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,000.0	10,784.2	10,858.0	10,784.2	42.5	30.3	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,100.0	10,884.2	10,958.0	10,884.2	42.6	30.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,200.0	10,984.2	11,058.0	10,984.2	42.7	30.7	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,300.0	11,084.2	11,158.0	11,084.2	42.8	30.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,400.0	11,184.2	11,258.0	11,184.2	42.9	31.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,500.0	11,284.2	11,358.0	11,284.2	43.0	31.2	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,600.0	11,384.2	11,458.0	11,384.2	43.1	31.4	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,700.0	11,484.2	11,558.0	11,484.2	43.2	31.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,800.0	11,584.2	11,658.0	11,584.2	43.3	31.7	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,900.0	11,684.2	11,758.0	11,684.2	43.4	31.9	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	

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CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,000.0	11,784.2	11,858.0	11,784.2	43.5	32.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,100.0	11,884.2	11,958.0	11,884.2	43.6	32.2	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,200.0	11,984.2	12,058.0	11,984.2	43.7	32.4	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,215.8	12,000.0	12,073.9	12,000.0	43.7	32.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	

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Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 2202-MWD, 10370-

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	16.95	37.9	11.6	39.6				
100.0	100.0	100.0	100.0	0.1	0.1	16.92	37.9	11.5	39.6	39.6	0.00	N/A	
200.0	200.0	200.0	200.0	0.3	0.2	16.85	37.8	11.5	39.5	39.5	0.00	N/A	
250.0	250.0	250.1	250.1	0.4	0.3	16.79	37.8	11.4	39.5	39.5	0.00	N/A	
254.2	254.2	254.2	254.2	0.4	0.3	-161.99	37.8	11.4	39.5	39.5	0.00	N/A	CC, ES
300.0	300.0	300.1	300.1	0.5	0.3	-162.25	37.7	11.3	39.8	39.8	0.00	N/A	
400.0	399.9	400.0	400.0	0.7	0.5	-163.81	37.6	11.2	43.0	43.0	0.00	N/A	
500.0	499.7	499.8	499.8	0.9	0.6	-166.22	37.4	10.9	49.5	49.5	0.00	N/A	
600.0	599.3	599.5	599.5	1.2	0.7	-168.49	37.2	10.7	57.7	57.7	0.00	N/A	
700.0	698.9	699.1	699.1	1.5	0.8	-170.23	36.9	10.4	65.9	65.9	0.00	N/A	
800.0	798.5	798.8	798.8	1.7	0.9	-171.61	36.6	10.0	74.2	74.2	0.00	N/A	
900.0	898.2	898.5	898.5	2.0	1.0	-172.75	36.2	9.6	82.4	82.4	0.00	N/A	
1,000.0	997.8	998.2	998.2	2.3	1.1	-173.71	35.8	9.1	90.6	90.6	0.00	N/A	
1,100.0	1,097.4	1,097.9	1,097.9	2.5	1.2	-174.53	35.4	8.6	98.8	98.8	0.00	N/A	
1,200.0	1,197.0	1,197.6	1,197.6	2.8	1.4	-175.25	34.9	8.1	107.0	107.0	0.00	N/A	
1,300.0	1,296.6	1,297.3	1,297.3	3.1	1.5	-175.90	34.4	7.5	115.1	115.1	0.00	N/A	
1,400.0	1,396.3	1,397.0	1,397.0	3.4	1.6	-176.48	33.8	6.8	123.2	123.2	0.00	N/A	
1,500.0	1,495.9	1,496.8	1,496.7	3.7	1.7	-177.01	33.2	6.1	131.3	131.3	0.00	N/A	
1,600.0	1,595.5	1,596.5	1,596.5	3.9	1.8	-177.49	32.5	5.4	139.3	139.3	0.00	N/A	
1,700.0	1,695.1	1,696.2	1,696.2	4.2	1.9	-177.95	31.9	4.6	147.3	147.3	0.00	N/A	
1,800.0	1,794.7	1,796.0	1,795.9	4.5	2.0	-178.37	31.1	3.7	155.3	155.3	0.00	N/A	
1,900.0	1,894.4	1,895.7	1,895.7	4.8	2.1	-178.77	30.3	2.9	163.2	163.2	0.00	N/A	
2,000.0	1,994.0	1,995.5	1,995.4	5.1	2.3	-179.15	29.5	1.9	171.1	171.1	0.00	N/A	
2,100.0	2,093.6	2,095.2	2,095.2	5.3	2.4	-179.51	28.7	0.9	179.0	179.0	0.00	N/A	
2,200.0	2,193.2	2,195.0	2,194.9	5.6	2.5	-179.85	27.8	-0.1	186.8	186.8	0.00	N/A	
2,267.0	2,260.0	2,263.6	2,263.5	5.8	2.6	179.80	26.8	-1.2	191.8	191.8	0.00	N/A	
2,300.0	2,292.8	2,296.4	2,296.3	5.9	2.7	179.52	26.2	-2.2	194.2	194.2	0.00	N/A	
2,400.0	2,392.1	2,396.9	2,396.7	6.2	2.9	178.13	24.1	-7.1	203.9	203.9	0.00	N/A	
2,500.0	2,491.0	2,500.1	2,499.5	6.6	3.2	176.20	20.4	-14.6	216.0	216.0	0.00	N/A	
2,600.0	2,589.3	2,605.4	2,604.2	6.9	3.5	174.02	13.8	-23.9	229.1	229.1	0.00	N/A	
2,700.0	2,686.8	2,707.6	2,705.4	7.4	3.8	171.64	4.8	-35.1	243.9	243.9	0.00	N/A	
2,723.0	2,709.2	2,731.0	2,728.5	7.5	3.8	171.07	2.5	-38.0	247.6	247.6	0.00	N/A	
2,800.0	2,783.8	2,811.3	2,807.5	7.8	4.1	168.95	-6.4	-49.1	259.8	259.8	0.00	N/A	
2,900.0	2,880.8	2,908.3	2,902.2	8.3	4.4	165.93	-18.8	-65.7	275.2	275.2	0.00	N/A	
3,000.0	2,977.8	3,002.1	2,993.7	8.8	4.8	163.04	-30.5	-83.2	292.1	292.1	0.00	N/A	
3,100.0	3,074.8	3,097.5	3,086.8	9.2	5.1	160.52	-41.0	-100.9	311.0	311.0	0.00	N/A	
3,200.0	3,171.7	3,196.3	3,183.4	9.7	5.4	158.27	-51.8	-118.9	330.4	330.4	0.00	N/A	
3,300.0	3,268.7	3,294.6	3,279.2	10.2	5.8	156.17	-63.3	-137.3	349.7	349.7	0.00	N/A	
3,400.0	3,365.7	3,391.1	3,373.3	10.7	6.1	154.31	-74.6	-155.4	369.5	369.5	0.00	N/A	
3,500.0	3,462.7	3,488.0	3,467.7	11.2	6.6	152.54	-86.0	-174.1	389.8	389.8	0.00	N/A	
3,600.0	3,559.7	3,584.8	3,561.8	11.7	7.0	150.87	-97.6	-193.4	410.5	410.5	0.00	N/A	
3,700.0	3,656.6	3,678.7	3,653.2	12.2	7.4	149.39	-108.6	-212.3	432.0				
3,800.0	3,753.6	3,773.3	3,745.3	12.7	7.8	148.12	-118.7	-231.2	454.3	454.3	0.01	N/A	
3,900.0	3,850.6	3,871.6	3,841.2	13.2	8.2	146.99	-128.9	-250.5	477.0	477.0	0.01	N/A	
4,000.0	3,947.6	3,970.9	3,938.3	13.7	8.5	146.15	-138.6	-268.3	499.4	499.4	0.01	N/A	
4,100.0	4,044.5	4,069.4	4,035.0	14.2	8.9	145.47	-148.1	-285.3	521.6	521.6	0.01	N/A	
4,200.0	4,141.5	4,167.6	4,131.3	14.6	9.3	144.89	-157.4	-301.7	543.6				
4,300.0	4,238.5	4,265.1	4,226.9	15.1	9.6	144.36	-166.8	-318.0	565.6	565.6	0.00	N/A	
4,400.0	4,335.5	4,367.7	4,327.5	15.6	10.0	143.79	-177.3	-335.4	587.3	587.3	0.00	N/A	
4,500.0	4,432.5	4,470.4	4,428.1	16.2	10.4	143.18	-189.1	-352.8	608.1	608.1	0.00	N/A	
4,600.0	4,529.4	4,567.1	4,522.8	16.7	10.8	142.68	-200.2	-368.8	628.7	628.7	0.00	N/A	
4,700.0	4,626.4	4,664.9	4,618.5	17.2	11.2	142.19	-211.4	-385.1	649.5	649.5	0.00	N/A	

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CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 2202-MWD, 10370-

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.0	4,723.4	4,776.1	4,727.7	17.7	11.6	141.80	-224.3	-401.8	669.2	669.2	0.00	N/A	
4,900.0	4,820.4	4,873.3	4,823.5	18.2	12.0	141.61	-235.3	-414.7	688.0	688.0	0.00	N/A	
5,000.0	4,917.4	4,973.4	4,922.0	18.7	12.3	141.44	-246.6	-427.5	706.5	706.5	0.00	N/A	
5,100.0	5,014.3	5,069.0	5,015.9	19.2	12.7	141.14	-258.5	-441.4	725.3	725.3	0.00	N/A	
5,200.0	5,111.3	5,154.6	5,099.4	19.7	13.1	140.68	-270.3	-456.0	744.7	744.7	0.00	N/A	
5,300.0	5,208.3	5,250.1	5,192.2	20.2	13.5	140.08	-283.1	-474.7	766.0	766.0	0.00	N/A	
5,400.0	5,305.3	5,348.3	5,288.1	20.7	13.9	139.66	-295.2	-491.8	786.8	786.8	0.00	N/A	
5,500.0	5,402.3	5,443.9	5,382.0	21.2	14.3	139.45	-305.1	-506.9	808.0	808.0	0.00	N/A	
5,600.0	5,499.2	5,542.6	5,479.0	21.7	14.7	139.27	-315.3	-522.2	829.1	829.1	0.00	N/A	
5,700.0	5,596.2	5,645.3	5,579.8	22.2	15.1	139.05	-326.3	-538.5	850.1	850.1	0.00	N/A	
5,800.0	5,693.2	5,739.3	5,672.1	22.7	15.4	138.86	-336.6	-553.0	870.7	870.7	0.00	N/A	
5,900.0	5,790.2	5,836.0	5,767.0	23.2	15.8	138.68	-346.7	-568.3	892.0	892.0	0.00	N/A	
6,000.0	5,887.1	5,922.6	5,852.1	23.7	16.1	138.55	-355.1	-582.2	913.9	913.9	0.00	N/A	
6,100.0	5,984.1	6,023.9	5,951.4	24.2	16.5	138.33	-365.5	-599.5	936.0	936.0	0.00	N/A	
6,200.0	6,081.1	6,127.6	6,053.1	24.7	17.0	138.14	-376.2	-616.5	957.8	957.8	0.00	N/A	
6,300.0	6,178.1	6,223.6	6,147.5	25.3	17.3	138.04	-385.9	-631.1	978.9	978.9	0.00	N/A	
6,400.0	6,275.1	6,311.7	6,233.7	25.8	17.7	137.83	-395.5	-646.7	1,001.0	1,001.0	0.00	N/A	
6,500.0	6,372.0	6,406.6	6,326.4	26.3	18.1	137.58	-405.9	-663.9	1,023.4	1,023.4	0.00	N/A	
6,600.0	6,469.0	6,516.1	6,433.5	26.8	18.5	137.33	-417.9	-683.3	1,045.7	1,045.7	0.00	N/A	
6,700.0	6,566.0	6,621.4	6,536.6	27.3	19.0	137.11	-430.1	-701.0	1,066.7	1,066.7	0.00	N/A	
6,800.0	6,663.0	6,715.5	6,628.9	27.8	19.3	136.97	-440.5	-716.1	1,087.7	1,087.7	0.00	N/A	
6,900.0	6,760.0	6,791.0	6,703.0	28.3	19.6	136.90	-447.8	-728.3	1,109.9	1,109.9	0.00	N/A	
7,000.0	6,856.9	6,877.0	6,787.3	28.8	20.0	136.78	-455.6	-743.8	1,133.6	1,133.6	0.00	N/A	
7,100.0	6,953.9	6,987.1	6,895.6	29.3	20.4	136.77	-464.0	-761.5	1,157.1	1,157.1	0.00	N/A	
7,200.0	7,050.9	7,076.7	6,984.0	29.8	20.7	136.83	-470.1	-774.6	1,180.2	1,180.2	0.00	N/A	
7,300.0	7,147.9	7,138.6	7,044.9	30.3	20.9	136.82	-474.0	-785.3	1,205.3	1,205.3	0.00	N/A	
7,400.0	7,244.8	7,216.5	7,121.0	30.9	21.2	136.74	-478.6	-801.1	1,232.7	1,232.7	0.00	N/A	
7,500.0	7,341.8	7,295.3	7,198.0	31.4	21.6	136.70	-482.1	-817.1	1,261.3	1,261.3	0.00	N/A	
7,600.0	7,438.8	7,433.7	7,333.0	31.9	22.1	136.50	-490.5	-846.7	1,289.6	1,289.6	0.00	N/A	
7,700.0	7,535.8	7,551.6	7,448.4	32.4	22.6	136.40	-499.5	-868.7	1,314.8	1,314.8	0.00	N/A	
7,800.0	7,632.8	7,633.9	7,528.6	32.9	23.0	136.23	-507.3	-885.5	1,339.8	1,339.8	0.00	N/A	
7,900.0	7,729.7	7,730.0	7,622.0	33.4	23.4	136.01	-516.4	-906.2	1,365.8	1,365.8	0.00	N/A	
8,000.0	7,826.7	7,839.9	7,729.4	33.9	23.9	135.86	-525.8	-927.9	1,391.1	1,391.1	0.00	N/A	
8,100.0	7,923.7	7,935.8	7,823.0	34.4	24.3	135.71	-534.7	-946.8	1,415.9	1,415.9	0.00	N/A	
8,200.0	8,020.7	8,055.5	7,939.8	34.9	24.8	135.51	-547.0	-969.7	1,439.6	1,439.6	0.00	N/A	
8,300.0	8,117.7	8,177.2	8,058.9	35.4	25.3	135.37	-559.7	-991.5	1,462.4	1,462.4	0.00	N/A	
8,400.0	8,214.6	8,282.0	8,161.6	36.0	25.7	135.28	-571.5	-1,008.3	1,483.4	1,483.4	0.00	N/A	
8,500.0	8,311.6	8,365.9	8,243.5	36.5	26.1	135.13	-581.6	-1,023.8	1,505.4	1,505.4	0.00	N/A	
8,600.0	8,408.6	8,481.8	8,356.5	37.0	26.6	134.92	-596.3	-1,044.9	1,526.9	1,526.9	0.00	N/A	
8,700.0	8,505.6	8,559.9	8,432.7	37.5	27.0	134.80	-605.9	-1,058.7	1,548.3	1,548.3	0.00	N/A	
8,800.0	8,602.6	8,645.5	8,516.4	38.0	27.3	134.70	-615.4	-1,074.1	1,570.7	1,570.7	0.00	N/A	
8,900.0	8,699.5	8,724.5	8,593.4	38.5	27.7	134.57	-624.1	-1,089.5	1,594.2	1,594.2	0.00	N/A	
9,000.0	8,796.5	8,821.1	8,687.2	39.0	28.1	134.37	-635.4	-1,109.5	1,618.1	1,618.1	0.00	N/A	
9,094.5	8,888.2	8,884.2	8,748.5	39.5	28.4	134.26	-642.2	-1,122.7	1,641.5	1,641.5	0.00	N/A	
9,100.0	8,893.5	8,887.4	8,751.7	39.5	28.4	134.27	-642.6	-1,123.4	1,642.9	1,642.9	0.00	N/A	
9,200.0	8,990.8	8,970.0	8,831.9	39.9	28.8	134.39	-650.1	-1,141.5	1,668.5	1,668.5	0.00	N/A	
9,300.0	9,088.7	9,072.5	8,931.6	40.2	29.3	134.42	-658.9	-1,163.2	1,692.1	1,692.1	0.00	N/A	
9,400.0	9,187.1	9,168.9	9,025.7	40.5	29.7	134.42	-666.4	-1,183.0	1,714.1	1,714.1	0.00	N/A	
9,500.0	9,285.9	9,271.0	9,125.9	40.7	30.1	134.42	-672.5	-1,201.9	1,734.0	1,734.0	0.00	N/A	
9,600.0	9,385.1	9,429.6	9,282.4	41.0	30.6	134.30	-681.2	-1,226.3	1,750.2	1,750.2	0.00	N/A	
9,700.0	9,484.6	9,543.6	9,395.3	41.2	31.0	134.25	-687.1	-1,240.3	1,762.7	1,762.7	0.00	N/A	
9,800.0	9,584.3	9,643.1	9,494.1	41.3	31.2	134.21	-691.0	-1,250.9	1,773.0	1,773.0	0.00	N/A	

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CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 2202-MWD, 10370-

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,900.0	9,684.2	9,762.5	9,613.0	41.5	31.5	134.13	-693.9	-1,261.2	1,781.1	1,781.1	0.00	N/A	
10,000.0	9,784.2	9,866.3	9,716.6	41.6	31.8	134.04	-696.0	-1,268.3	1,786.3	1,786.3	0.00	N/A	
10,035.8	9,820.0	9,902.5	9,752.8	41.6	31.8	-47.21	-696.3	-1,270.6	1,787.8	1,787.8	0.00	N/A	
10,100.0	9,884.2	9,994.5	9,844.6	41.7	32.0	-47.36	-697.8	-1,275.7	1,789.7	1,789.7	0.00	N/A	
10,200.0	9,984.2	10,106.9	9,956.8	41.8	32.2	-47.51	-700.2	-1,280.2	1,791.2	1,791.2	0.00	N/A	
10,300.0	10,084.2	10,205.7	10,055.6	41.9	32.4	-47.63	-701.9	-1,283.7	1,792.7	1,792.7	0.00	N/A	
10,400.0	10,184.2	10,304.1	10,153.9	41.9	32.6	-47.72	-702.7	-1,286.8	1,794.4	1,794.4	0.00	N/A	
10,500.0	10,284.2	10,411.4	10,261.2	42.0	32.7	-47.78	-703.3	-1,289.4	1,795.9	1,795.9	0.00	N/A	
10,600.0	10,384.2	10,513.2	10,362.9	42.1	32.9	-47.84	-703.7	-1,291.5	1,797.1	1,797.1	0.00	N/A	
10,700.0	10,484.2	10,616.4	10,466.2	42.2	33.0	-47.89	-704.2	-1,293.4	1,798.2	1,798.2	0.00	N/A	
10,800.0	10,584.2	10,718.3	10,568.0	42.3	33.2	-47.93	-704.5	-1,295.0	1,799.1	1,799.1	0.00	N/A	
10,900.0	10,684.2	10,818.7	10,668.4	42.4	33.3	-47.97	-704.8	-1,296.5	1,800.0	1,800.0	0.00	N/A	
11,000.0	10,784.2	10,919.1	10,768.8	42.5	33.5	-48.01	-705.1	-1,297.9	1,800.9	1,800.9	0.00	N/A	
11,100.0	10,884.2	11,019.3	10,869.0	42.6	33.6	-48.05	-705.4	-1,299.3	1,801.7	1,801.7	0.00	N/A	
11,200.0	10,984.2	11,119.3	10,969.0	42.7	33.8	-48.08	-705.7	-1,300.7	1,802.5	1,802.5	0.00	N/A	
11,300.0	11,084.2	11,219.3	11,069.0	42.8	33.9	-48.12	-706.0	-1,302.1	1,803.4	1,803.4	0.00	N/A	
11,400.0	11,184.2	11,318.7	11,168.4	42.9	34.1	-48.16	-706.3	-1,303.5	1,804.2	1,804.2	0.00	N/A	
11,500.0	11,284.2	11,418.0	11,267.7	43.0	34.2	-48.20	-706.7	-1,305.0	1,805.1	1,805.1	0.00	N/A	
11,600.0	11,384.2	11,517.3	11,366.9	43.1	34.4	-48.24	-707.0	-1,306.5	1,806.1	1,806.1	0.00	N/A	
11,700.0	11,484.2	11,616.5	11,466.2	43.2	34.5	-48.28	-707.3	-1,308.2	1,807.0	1,807.0	0.00	N/A	
11,800.0	11,584.2	11,700.0	11,549.7	43.3	34.6	-48.32	-707.6	-1,309.6	1,808.1	1,808.1	0.00	N/A	
11,900.0	11,684.2	11,700.0	11,549.7	43.4	34.6	-48.32	-707.6	-1,309.6	1,812.8	1,812.8	0.00	N/A	
12,000.0	11,784.2	11,700.0	11,549.7	43.5	34.6	-48.32	-707.6	-1,309.6	1,822.9	1,822.9	0.00	N/A	
12,100.0	11,884.2	11,700.0	11,549.7	43.6	34.6	-48.32	-707.6	-1,309.6	1,838.5	1,838.5	0.00	N/A	
12,200.0	11,984.2	11,700.0	11,549.7	43.7	34.6	-48.32	-707.6	-1,309.6	1,859.3	1,859.3	0.00	N/A	
12,215.8	12,000.0	11,700.0	11,549.7	43.7	34.6	-48.32	-707.6	-1,309.6	1,863.0	1,863.0	0.00	N/A	

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Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 0-MWD, 10370-

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	16.95	37.9	11.6	39.6				
100.0	100.0	100.0	100.0	0.1	0.1	16.95	37.9	11.6	39.6	39.6	0.00	N/A	
200.0	200.0	200.0	200.0	0.3	0.3	16.95	37.9	11.6	39.6	39.6	0.00	N/A	
250.0	250.0	250.0	250.0	0.4	0.4	16.95	37.9	11.6	39.6	39.6	0.00	N/A	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-162.02	37.9	11.6	40.1	40.1	0.00	N/A	
400.0	399.9	399.9	399.9	0.7	0.8	-163.43	37.9	11.6	43.4	43.4	0.00	N/A	
500.0	499.7	499.7	499.7	0.9	1.0	-165.67	37.9	11.6	50.1	50.1	0.00	N/A	
600.0	599.3	599.3	599.3	1.2	1.2	-167.78	37.9	11.6	58.6	58.6	0.00	N/A	
700.0	698.9	698.9	698.9	1.5	1.4	-169.35	37.9	11.6	67.1	67.1	0.00	N/A	
800.0	798.5	798.5	798.5	1.7	1.7	-170.57	37.9	11.6	75.7	75.7	0.00	N/A	
900.0	898.2	898.2	898.2	2.0	1.9	-171.54	37.9	11.6	84.3	84.3	0.00	N/A	
1,000.0	997.8	997.8	997.8	2.3	2.1	-172.33	37.9	11.6	93.0	93.0	0.00	N/A	
1,100.0	1,097.4	1,097.4	1,097.4	2.5	2.3	-172.99	37.9	11.6	101.6	101.6	0.00	N/A	
1,200.0	1,197.0	1,197.0	1,197.0	2.8	2.6	-173.54	37.9	11.6	110.3	110.3	0.00	N/A	
1,300.0	1,296.6	1,296.6	1,296.6	3.1	2.8	-174.01	37.9	11.6	118.9	118.9	0.00	N/A	
1,400.0	1,396.3	1,396.3	1,396.3	3.4	3.0	-174.42	37.9	11.6	127.6	127.6	0.00	N/A	
1,500.0	1,495.9	1,495.9	1,495.9	3.7	3.2	-174.78	37.9	11.6	136.3	136.3	0.00	N/A	
1,600.0	1,595.5	1,595.5	1,595.5	3.9	3.5	-175.09	37.9	11.6	145.0	145.0	0.00	N/A	
1,700.0	1,695.1	1,695.1	1,695.1	4.2	3.7	-175.37	37.9	11.6	153.6	153.6	0.00	N/A	
1,800.0	1,794.7	1,794.7	1,794.7	4.5	3.9	-175.62	37.9	11.6	162.3	162.3	0.00	N/A	
1,900.0	1,894.4	1,894.4	1,894.4	4.8	4.1	-175.84	37.9	11.6	171.0	171.0	0.00	N/A	
2,000.0	1,994.0	1,994.0	1,994.0	5.1	4.4	-176.04	37.9	11.6	179.7	179.7	0.00	N/A	
2,100.0	2,093.6	2,093.6	2,093.6	5.3	4.6	-176.22	37.9	11.6	188.4	188.4	0.00	N/A	
2,200.0	2,193.2	2,193.2	2,193.2	5.6	4.8	-176.39	37.9	11.6	197.1	197.1	0.00	N/A	
2,267.0	2,260.0	2,260.0	2,260.0	5.8	5.0	-176.50	37.9	11.6	202.9	202.9	0.00	N/A	
2,300.0	2,292.8	2,294.2	2,294.2	5.9	5.0	-176.59	37.8	11.4	205.9	205.9	0.00	N/A	
2,400.0	2,392.1	2,397.8	2,397.7	6.2	5.2	-177.47	36.2	8.7	215.9	215.9	0.00	N/A	
2,500.0	2,491.0	2,501.1	2,500.8	6.6	5.4	-179.10	32.7	2.9	227.5	227.5	0.00	N/A	
2,600.0	2,589.3	2,604.0	2,603.2	6.9	5.6	178.67	27.2	-6.1	241.0	241.0	0.00	N/A	
2,700.0	2,686.8	2,706.2	2,704.4	7.4	5.8	175.98	20.0	-18.1	256.6	256.6	0.00	N/A	
2,723.0	2,709.2	2,729.7	2,727.6	7.5	5.9	175.32	18.1	-21.3	260.6	260.6	0.00	N/A	
2,800.0	2,783.8	2,807.8	2,804.5	7.8	6.1	172.99	10.9	-33.1	273.7	273.7	0.00	N/A	
2,900.0	2,880.8	2,908.1	2,902.6	8.3	6.3	169.77	0.2	-50.9	290.3	290.3	0.00	N/A	
3,000.0	2,977.8	3,005.4	2,997.6	8.8	6.6	166.79	-10.7	-68.9	307.4	307.4	0.00	N/A	
3,100.0	3,074.8	3,102.7	3,092.6	9.2	6.9	164.13	-21.6	-87.0	325.2	325.2	0.00	N/A	
3,200.0	3,171.7	3,200.0	3,187.6	9.7	7.3	161.75	-32.5	-105.1	343.7	343.7	0.00	N/A	
3,300.0	3,268.7	3,297.3	3,282.6	10.2	7.6	159.60	-43.5	-123.1	362.6	362.6	0.00	N/A	
3,400.0	3,365.7	3,394.6	3,377.6	10.7	7.9	157.67	-54.4	-141.2	382.0	382.0	0.00	N/A	
3,500.0	3,462.7	3,492.0	3,472.6	11.2	8.3	155.92	-65.3	-159.3	401.8	401.8	0.00	N/A	
3,600.0	3,559.7	3,589.3	3,567.6	11.7	8.7	154.34	-76.2	-177.3	422.0	422.0	0.00	N/A	
3,700.0	3,656.6	3,686.6	3,662.5	12.2	9.0	152.90	-87.1	-195.4	442.4	442.4	0.00	N/A	
3,800.0	3,753.6	3,783.9	3,757.5	12.7	9.4	151.59	-98.0	-213.5	463.0	463.0	0.00	N/A	
3,900.0	3,850.6	3,881.2	3,852.5	13.2	9.8	150.39	-109.0	-231.5	483.9	483.9	0.00	N/A	
4,000.0	3,947.6	3,978.5	3,947.5	13.7	10.2	149.28	-119.9	-249.6	505.0	505.0	0.00	N/A	
4,100.0	4,044.5	4,075.8	4,042.5	14.2	10.6	148.27	-130.8	-267.7	526.2	526.2	0.00	N/A	
4,200.0	4,141.5	4,173.1	4,137.5	14.6	11.0	147.33	-141.7	-285.7	547.6	547.6	0.00	N/A	
4,300.0	4,238.5	4,270.4	4,232.5	15.1	11.4	146.46	-152.6	-303.8	569.1	569.1	0.00	N/A	
4,400.0	4,335.5	4,367.7	4,327.5	15.6	11.9	145.66	-163.5	-321.9	590.7	590.7	0.00	N/A	
4,500.0	4,432.5	4,465.1	4,422.5	16.2	12.3	144.91	-174.5	-339.9	612.4	612.4	0.00	N/A	
4,600.0	4,529.4	4,562.4	4,517.5	16.7	12.7	144.22	-185.4	-358.0	634.2	634.2	0.00	N/A	
4,700.0	4,626.4	4,659.7	4,612.5	17.2	13.1	143.57	-196.3	-376.1	656.1	656.1	0.00	N/A	
4,800.0	4,723.4	4,757.0	4,707.5	17.7	13.6	142.96	-207.2	-394.1	678.1	678.1	0.00	N/A	

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CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Survey Program: 0-MWD, 10370-

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,820.4	4,854.3	4,802.4	18.2	14.0	142.39	-218.1	-412.2	700.1	700.1	0.00	N/A	
5,000.0	4,917.4	4,951.6	4,897.4	18.7	14.4	141.85	-229.0	-430.3	722.3	722.3	0.00	N/A	
5,100.0	5,014.3	5,048.9	4,992.4	19.2	14.8	141.35	-240.0	-448.4	744.4	744.4	0.00	N/A	
5,200.0	5,111.3	5,146.2	5,087.4	19.7	15.3	140.87	-250.9	-466.4	766.6	766.6	0.00	N/A	
5,300.0	5,208.3	5,243.5	5,182.4	20.2	15.7	140.43	-261.8	-484.5	788.9	788.9	0.00	N/A	
5,400.0	5,305.3	5,340.8	5,277.4	20.7	16.2	140.00	-272.7	-502.6	811.2	811.2	0.00	N/A	
5,500.0	5,402.3	5,438.1	5,372.4	21.2	16.6	139.60	-283.6	-520.6	833.5	833.5	0.00	N/A	
5,600.0	5,499.2	5,535.5	5,467.4	21.7	17.0	139.22	-294.5	-538.7	855.9	855.9	0.00	N/A	
5,700.0	5,596.2	5,632.8	5,562.4	22.2	17.5	138.86	-305.5	-556.8	878.3	878.3	0.00	N/A	
5,800.0	5,693.2	5,730.1	5,657.4	22.7	17.9	138.52	-316.4	-574.8	900.8	900.8	0.00	N/A	
5,900.0	5,790.2	5,827.4	5,752.4	23.2	18.4	138.19	-327.3	-592.9	923.3	923.3	0.00	N/A	
6,000.0	5,887.1	5,924.7	5,847.4	23.7	18.8	137.88	-338.2	-611.0	945.8	945.8	0.00	N/A	
6,100.0	5,984.1	6,022.0	5,942.4	24.2	19.2	137.58	-349.1	-629.0	968.3	968.3	0.00	N/A	
6,200.0	6,081.1	6,119.3	6,037.3	24.7	19.7	137.30	-360.0	-647.1	990.9	990.9	0.00	N/A	
6,300.0	6,178.1	6,216.6	6,132.3	25.3	20.1	137.03	-370.9	-665.2	1,013.4	1,013.4	0.00	N/A	
6,400.0	6,275.1	6,313.9	6,227.3	25.8	20.6	136.77	-381.9	-683.2	1,036.0	1,036.0	0.00	N/A	
6,500.0	6,372.0	6,411.2	6,322.3	26.3	21.0	136.53	-392.8	-701.3	1,058.6	1,058.6	0.00	N/A	
6,600.0	6,469.0	6,508.5	6,417.3	26.8	21.5	136.29	-403.7	-719.4	1,081.3	1,081.3	0.00	N/A	
6,700.0	6,566.0	6,605.9	6,512.3	27.3	21.9	136.06	-414.6	-737.4	1,103.9	1,103.9	0.00	N/A	
6,800.0	6,663.0	6,703.2	6,607.3	27.8	22.4	135.84	-425.5	-755.5	1,126.6	1,126.6	0.00	N/A	
6,900.0	6,760.0	6,800.5	6,702.3	28.3	22.8	135.63	-436.4	-773.6	1,149.3	1,149.3	0.00	N/A	
7,000.0	6,856.9	6,897.8	6,797.3	28.8	23.3	135.43	-447.4	-791.6	1,172.0	1,172.0	0.00	N/A	
7,100.0	6,953.9	6,995.1	6,892.3	29.3	23.7	135.24	-458.3	-809.7	1,194.7	1,194.7	0.00	N/A	
7,200.0	7,050.9	7,092.4	6,987.3	29.8	24.2	135.05	-469.2	-827.8	1,217.4	1,217.4	0.00	N/A	
7,300.0	7,147.9	7,189.7	7,082.3	30.3	24.6	134.87	-480.1	-845.8	1,240.1	1,240.1	0.00	N/A	
7,400.0	7,244.8	7,287.0	7,177.2	30.9	25.1	134.70	-491.0	-863.9	1,262.9	1,262.9	0.00	N/A	
7,500.0	7,341.8	7,384.3	7,272.2	31.4	25.5	134.53	-501.9	-882.0	1,285.6	1,285.6	0.00	N/A	
7,600.0	7,438.8	7,481.6	7,367.2	31.9	26.0	134.37	-512.9	-900.1	1,308.4	1,308.4	0.00	N/A	
7,700.0	7,535.8	7,578.9	7,462.2	32.4	26.4	134.21	-523.8	-918.1	1,331.2	1,331.2	0.00	N/A	
7,800.0	7,632.8	7,676.3	7,557.2	32.9	26.9	134.06	-534.7	-936.2	1,353.9	1,353.9	0.00	N/A	
7,900.0	7,729.7	7,773.6	7,652.2	33.4	27.3	133.92	-545.6	-954.3	1,376.7	1,376.7	0.00	N/A	
8,000.0	7,826.7	7,870.9	7,747.2	33.9	27.8	133.78	-556.5	-972.3	1,399.5	1,399.5	0.00	N/A	
8,100.0	7,923.7	7,968.2	7,842.2	34.4	28.3	133.64	-567.4	-990.4	1,422.3	1,422.3	0.00	N/A	
8,200.0	8,020.7	8,065.5	7,937.2	34.9	28.7	133.51	-578.4	-1,008.5	1,445.2	1,445.2	0.00	N/A	
8,300.0	8,117.7	8,162.8	8,032.2	35.4	29.2	133.38	-589.3	-1,026.5	1,468.0	1,468.0	0.00	N/A	
8,400.0	8,214.6	8,260.1	8,127.2	36.0	29.6	133.25	-600.2	-1,044.6	1,490.8	1,490.8	0.00	N/A	
8,500.0	8,311.6	8,357.4	8,222.2	36.5	30.1	133.13	-611.1	-1,062.7	1,513.6	1,513.6	0.00	N/A	
8,600.0	8,408.6	8,454.7	8,317.2	37.0	30.5	133.02	-622.0	-1,080.7	1,536.5	1,536.5	0.00	N/A	
8,700.0	8,505.6	8,552.0	8,412.1	37.5	31.0	132.90	-632.9	-1,098.8	1,559.3	1,559.3	0.00	N/A	
8,800.0	8,602.6	8,649.4	8,507.1	38.0	31.4	132.79	-643.9	-1,116.9	1,582.2	1,582.2	0.00	N/A	
8,900.0	8,699.5	8,746.7	8,602.1	38.5	31.9	132.69	-654.8	-1,134.9	1,605.0	1,605.0	0.00	N/A	
9,000.0	8,796.5	8,844.0	8,697.1	39.0	32.3	132.58	-665.7	-1,153.0	1,627.9	1,627.9	0.00	N/A	
9,094.5	8,888.2	8,935.9	8,786.9	39.5	32.8	132.49	-676.0	-1,170.1	1,649.5	1,649.5	0.00	N/A	
9,100.0	8,893.5	8,941.3	8,792.1	39.5	32.8	132.50	-676.6	-1,171.1	1,650.8	1,650.8	0.00	N/A	
9,200.0	8,990.8	9,038.8	8,887.3	39.9	33.3	132.61	-687.5	-1,189.2	1,672.7	1,672.7	0.00	N/A	
9,300.0	9,088.7	9,136.5	8,982.7	40.2	33.7	132.64	-698.5	-1,207.3	1,692.9	1,692.9	0.00	N/A	
9,400.0	9,187.1	9,234.5	9,078.4	40.5	34.2	132.58	-709.5	-1,225.5	1,711.4	1,711.4	0.00	N/A	
9,500.0	9,285.9	9,338.5	9,179.9	40.7	34.6	132.44	-721.0	-1,244.6	1,728.1	1,728.1	0.00	N/A	
9,600.0	9,385.1	9,452.7	9,292.0	41.0	35.0	132.26	-732.3	-1,263.3	1,742.4	1,742.4	0.00	N/A	
9,700.0	9,484.6	9,567.7	9,405.5	41.2	35.3	132.09	-741.9	-1,279.2	1,754.1	1,754.1	0.00	N/A	
9,800.0	9,584.3	9,683.5	9,520.3	41.3	35.6	131.93	-749.8	-1,292.3	1,763.2	1,763.2	0.00	N/A	
9,900.0	9,684.2	9,800.0	9,636.2	41.5	35.9	131.77	-755.9	-1,302.4	1,769.6	1,769.6	0.00	N/A	

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CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD, 10370-

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,000.0	9,784.2	9,916.9	9,752.8	41.6	36.1	131.62	-760.2	-1,309.5	1,773.4	1,773.4	0.00	N/A	
10,035.8	9,820.0	9,958.9	9,794.7	41.6	36.1	-49.65	-761.3	-1,311.3	1,774.1	1,774.1	0.00	N/A	
10,100.0	9,884.2	10,034.1	9,869.9	41.7	36.3	-49.73	-762.7	-1,313.6	1,774.8	1,774.8	0.00	N/A	
10,200.0	9,984.2	10,148.4	9,984.2	41.8	36.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,300.0	10,084.2	10,248.4	10,084.2	41.9	36.5	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,400.0	10,184.2	10,348.4	10,184.2	41.9	36.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,500.0	10,284.2	10,448.4	10,284.2	42.0	36.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,600.0	10,384.2	10,548.4	10,384.2	42.1	36.9	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,700.0	10,484.2	10,648.4	10,484.2	42.2	37.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,800.0	10,584.2	10,748.4	10,584.2	42.3	37.1	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
10,900.0	10,684.2	10,848.4	10,684.2	42.4	37.3	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,000.0	10,784.2	10,948.4	10,784.2	42.5	37.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,100.0	10,884.2	11,048.4	10,884.2	42.6	37.5	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,200.0	10,984.2	11,148.4	10,984.2	42.7	37.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,300.0	11,084.2	11,248.4	11,084.2	42.8	37.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,400.0	11,184.2	11,348.4	11,184.2	42.9	37.9	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,500.0	11,284.2	11,448.4	11,284.2	43.0	38.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,600.0	11,384.2	11,548.4	11,384.2	43.1	38.2	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,700.0	11,484.2	11,648.4	11,484.2	43.2	38.3	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,800.0	11,584.2	11,748.4	11,584.2	43.3	38.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
11,900.0	11,684.2	11,848.4	11,684.2	43.4	38.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
12,000.0	11,784.2	11,948.4	11,784.2	43.5	38.7	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
12,100.0	11,884.2	12,048.4	11,884.2	43.6	38.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
12,200.0	11,984.2	12,148.4	11,984.2	43.7	39.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	
12,215.8	12,000.0	12,164.2	12,000.0	43.7	39.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A	

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Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 7240.0ft (Original Well Elev) Coordinates are relative to: TUMBLEWEED #19-1
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 1.22°

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Weatherford International Ltd.

Anticollision Report

Company:	STEWART PETROLEUM CORPORATION	**Local Co-ordinate Reference:**	Well TUMBLEWEED #19-1
Project:	UINTAH COUNTY, UT	**TVD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Reference Site:	TUMBLEWEED #18-9 PAD	**MD Reference:**	WELL @ 7240.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	Grid
Reference Well:	TUMBLEWEED #19-1	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	TUMBLEWEED #19-1	**Database:**	EDM 2003.21 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 7240.0ft (Original Well Elev)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W °

Coordinates are relative to: TUMBLEWEED #19-1
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 1.22°

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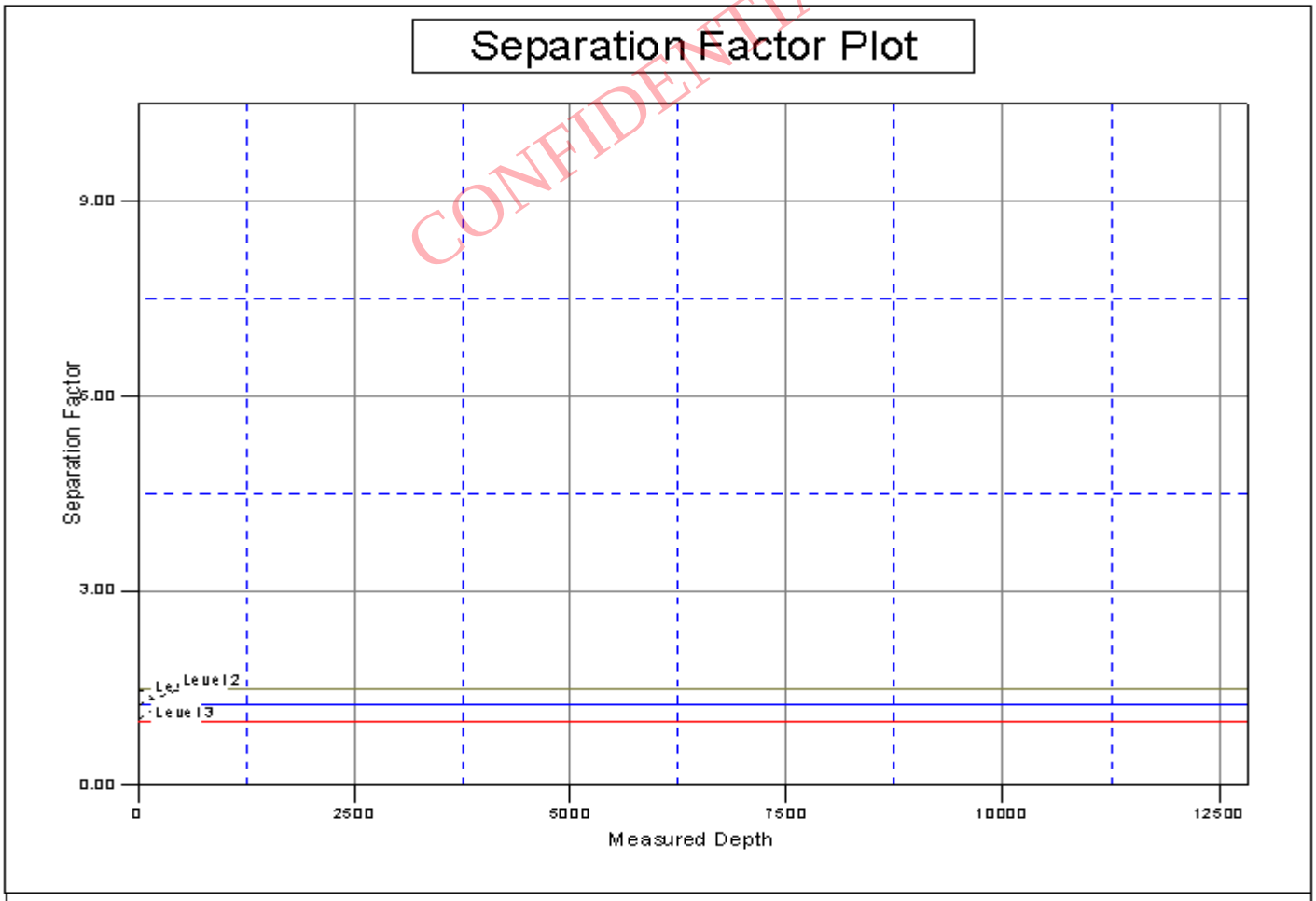

LEGEND

ED #18-8, TUMBLEWEED #18-8, Design #1 TUMBLEWEED #18-9, TUMBLEWEED #18-9, 1 V11 TUMBLEWEED #18-9, TUMBLEWE

'APIWellNo:43047514210000'

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'APIWellNo:43047514210000'

SURFACE USE PLAN

Name of Operator:	Stewart Petroleum Corporation
Address:	475 - 17th St., Ste. 790 Denver, CO 80202
Well Location:	Tumbleweed #18-9 / Tumbleweed #19-1 Uintah County, UT

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No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction or drilling.

The onsite inspection for the referenced well was conducted on Wednesday, July 16, 2008 at approximately 1:30 pm. In attendance at the onsite inspection were the following individuals:

Daryl R. Stewart	President	Stewart Petroleum Corporation
Terry Cox	Partner	Stewart Petroleum Corporation
Gene Brown	Contract Pumper	Stewart Petroleum Corporation
Jim Oldham	Dirt Contractor	Diamond J Oilfield Construction
Nate Packer	Natural Resource Specialist	BLM – Vernal Field Office
Paul	Natural Resource Specialist	BLM – Vernal Field Office
Scot Ackerman	Wildlife Biologist	BLM – Vernal Field Office
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Location of Existing Roads:

   a. The proposed well site is located approximately 15.51 miles south of Ouray, Utah.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the Winter Ridge. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. The operator will be responsible for all maintenance of the access road including drainage structures.

2. Planned Access Roads:

a. Access presently exists to the existing Tumbleweed #18-9 pad. Both the Tumbleweed #18-8 and the Tumbleweed #19-1 will be drilled from the existing pad with no new access or pad expansion proposed.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

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a. All permanent structures will be painted a flat, non-reflective Yuma Green (Olive Black) to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this lease. It will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A pipeline corridor containing a single 4” steel surface gas pipeline is presently in place and will transport natural gas from the proposed wellsite to the existing QGM pipeline.

i. The existing Tumbleweed #18-9 permit allows for pipeline corridor upgrade to a single 8” surface gas pipeline

j. The existing pipeline corridor may be upgraded to contain a single 8” surface gas pipeline should production warrant this upgrade.

5. Location and Type of Water Supply:

   a. No water pipelines will be laid for this well.

   b. Drilling water for this will be hauled on the project road(s) as shown in Exhibit B

   c. Water to be used for construction, drilling completion and dust suppression will be obtained through and approved temporary change application from water permit # 49-123 (A8815), Priority Date: 05/09/1921 (DeLambert, Burt and Christine).

   d. Produced water from offset field operations may be utilized to drill this well.

6. Source of Construction Material:

   a. The use of materials will conform to 43 CFR 3610.2-3.

   b. No construction materials will be removed from Ute Tribal or BLM lands.

   c. If any gravel is used, it will be obtained from a state approved gravel pit.

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7. Methods of Handling Waste:

   a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

   b. Drill cuttings will be contained and buried on site.

   c. The reserve pit will be located outboard of the location and along the southeast side of the pad.

   d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

   e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

   f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

   g. Chemicals subject to reporting under the Superfund Amendment and Reauthorization Act (SARA) Title III (hazardous materials including diesel fuel, produced hydrocarbons, drilling fluids, etc.) would be present during various phases of the project including drilling, testing, completion, and production. Annual Tier II chemical inventory reports would be prepared and submitted to emergency response agencies per Federal and State requirements.

   h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 barrel tank will be installed to contain produced waste water. This water will be transported by truck from the tank to the approved LaPoint Recycle & Storage, Inc. disposal facility for disposal. The facility is operated by Dave Murray and is located in Section 12, T4S, R19E, near LaPoint, Utah.

k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

l. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

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8. Ancillary Facilities:

a. A complete drilling crew camp is being proposed with this application and will be located central to the project area on state or private lands. A central crew camp has been analyzed in detail within the associated Environmental Assessment.

b. A small compressor may be temporary located on the well site once production is achieved and will compress the gas to Questar Pipeline pressure for a temporary period until a permanent compressor station can be constructed within the Tumbleweed Unit.

c. Garbage Containers and Portable Toilets are proposed in this application.

d. No airstrips or staging areas are proposed with this application.

e. The ancillary facilities proposed will not require any new surface disturbance.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

b. Access to the well pad will be from the northeast.

c. The pad and road designs are consistent with BLM specification

d. No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.

e. Pits will remain fenced until site cleanup.

f. The blooie line will be located at least 100 feet from the well head.

g. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
   a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
   b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 9 lbs /acre with the following native seeds:
      - Hy-Crested Wheat Grass (4 lbs / acre)
      - Needle and Thread Grass (4 lbs / acre)
      - Wyoming Sage Brush (1 lbs / acre)
   c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.

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d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be reseeded at 12 lbs / acre with the following native seeds:
   - Hy-Crested Wheat Grass (1 lbs / acre)
   - Scarlet Globe Mallow (1 lbs / acre)
   - Indian Rice Grass (4 lbs / acre)
   - Needle and Thread Grass (5 lbs / acre)
   - Wyoming Sage Brush (1 lbs / acre)

'APIWellNo:43047514210000'

11. Surface and Mineral Ownership:

a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e-mail
President	Daryl Stewart	303-799-1922	720-339-9637	dstewart@stewartpetroleum.com
Agent	Don Hamilton	435-719-2018	435-719-2018	starpoint@etv.net

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b. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery Archaeological Consultants under the company name Bill Barrett Corporation.

c. Our understanding of the results of the onsite inspection are:

a. No threatened or endangered flora and fauna species were found during the onsite inspection.

b. No drainage crossings that require additional state or federal approval are being crossed.

c. No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.

d. Seed used for reclamation will be conditioned.

e. The known sage grouse lek was avoided through an alternate access route proposed with the initial APD.

'APIWellNo:43047514210000'

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Stewart Petroleum Corporation's BLM bond UTB-000251. These statements are subject to the provisions of 18 U.S.C. 1001 for the fling of false statements.

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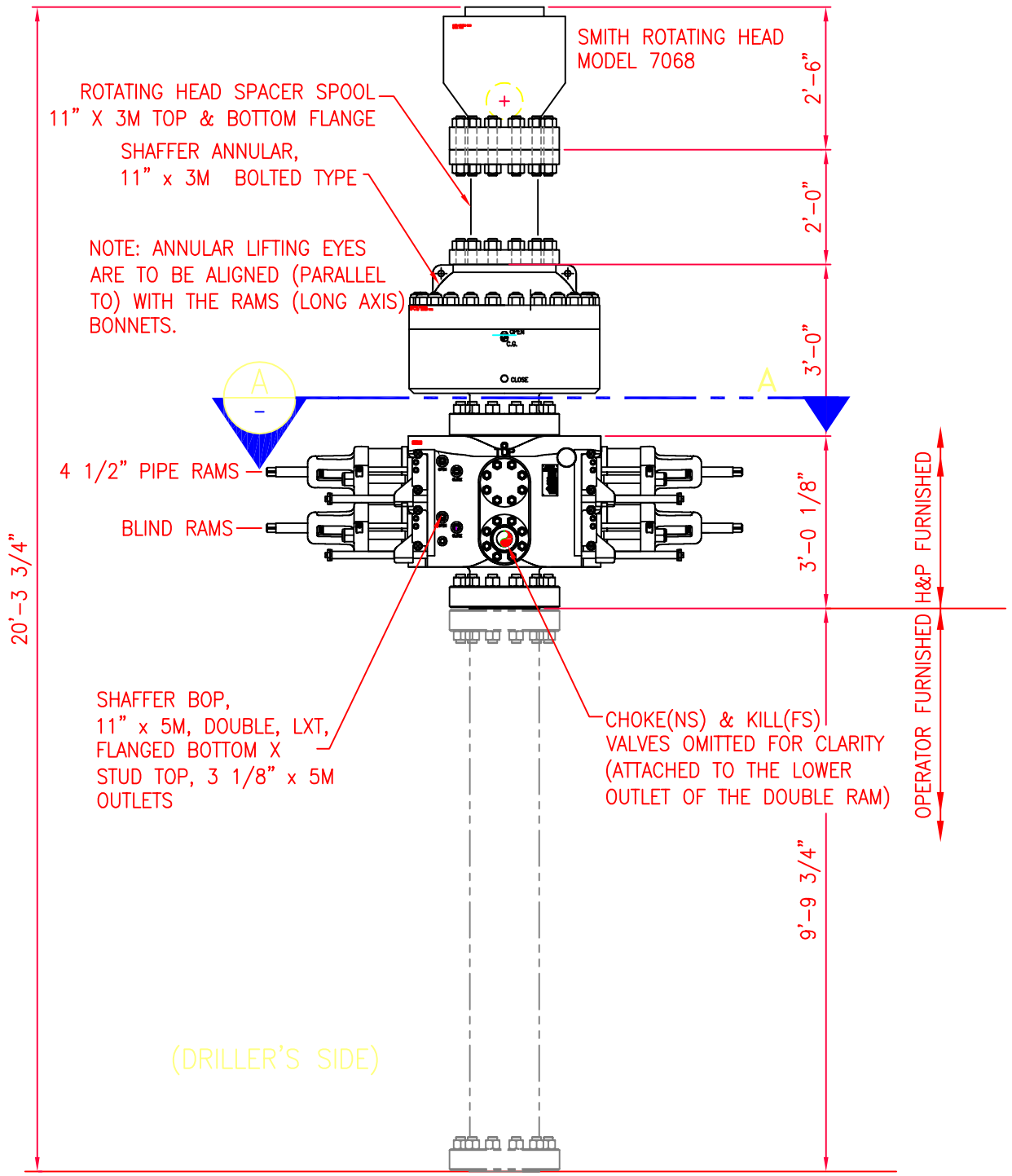
Executed this 6th day of August, 2008.

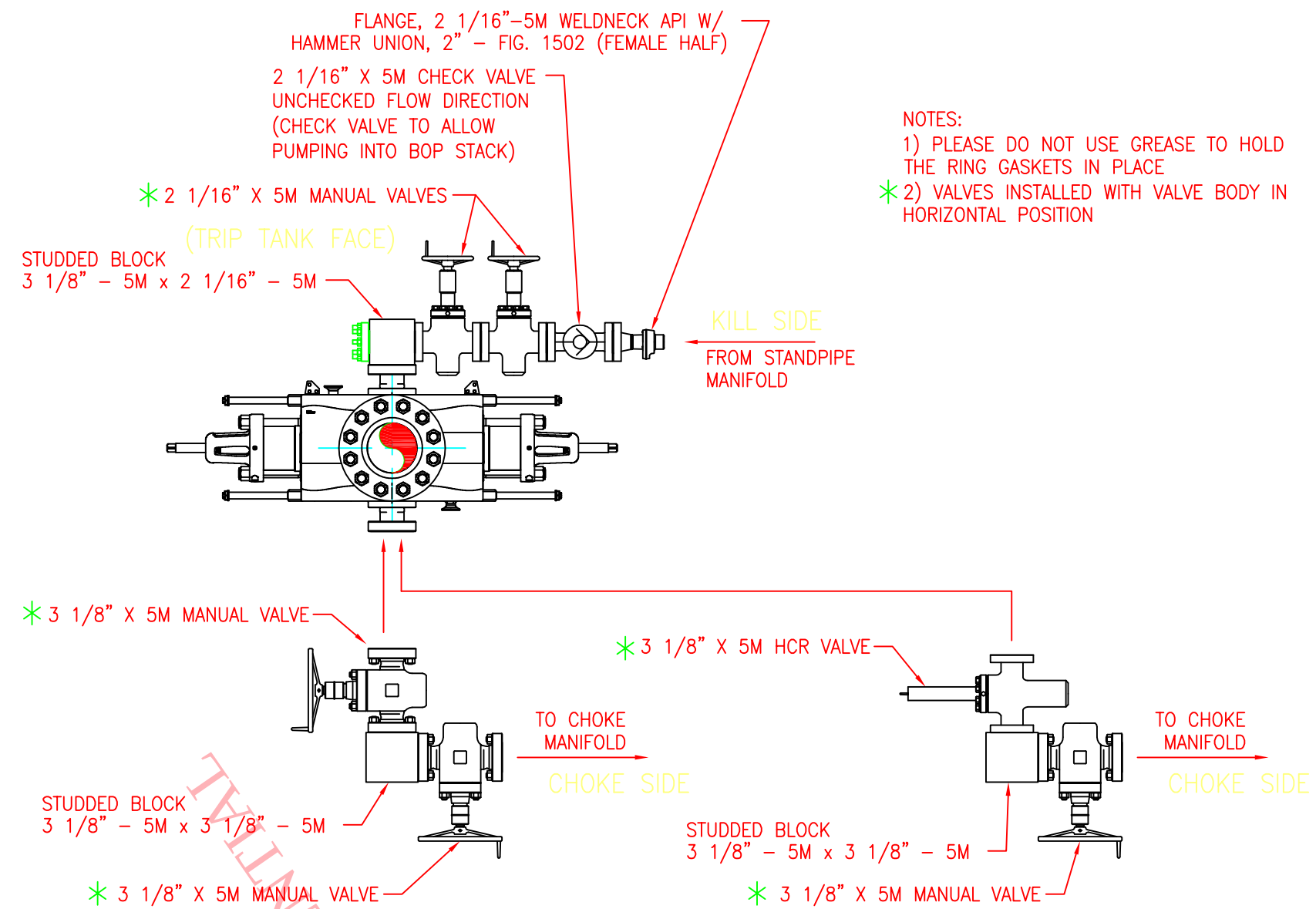
_____

Don Hamilton -- Agent for Stewart Petroleum Corporation
2580 Creekview Road
Moab, Utah 84532

435-719-2018
starpoint@etv.net



ELEVATION VIEW
(V-DOOR FACE)



SECTION A-A

NOTES:
1) PLEASE DO NOT USE GREASE TO HOLD THE RING GASKETS IN PLACE
* 2) VALVES INSTALLED WITH VALVE BODY IN HORIZONTAL POSITION

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ISSUED FOR FABRICATION
April-26-2007
DRAFTSMAN
ENGINEER

NOTES:
1) TORQUE VALUES ARE FOR GREASED THREADS AND NUT FACES.
2) FOR XYLAN AND SURMAGARD COATED BOLTS, USE CF=0.07; FOR ZINC AND UNCOATED BOLTS, USE CF=0.13

PROPER TORQUE FOR BOLTS

COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	TORQUE (FT/LBS) CF=0.07	TORQUE (FT/LBS) CF=0.13
RAMS AND SPOOLS	11"x5M	1 7/8" DIA.	1890	3330
ROTATING HEAD & ANNULAR	11"x3M	1 3/8" DIA.	739	1280
CHOKE VALVES	3 1/8x5M	1 1/8" DIA.	401	686
KILL VALVES	2 1/16x5M	7/8" DIA.	188	319

BOP ARRANGEMENTS

WILLIAM'S RIGS 271 - 280	SHTS 1 - 3
BP RIGS 307 - 311	SHTS 4 - 6
ENCANA RIGS 288 & 289	SHTS 7 - 9
MARATHON RIGS 319 & 324	SHTS 10, 11, & 12
ALL OTHER F4S RIGS	SHTS 8, 9, & 10

PROPRIETARY
THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER, WITHOUT THE PRIOR, WRITTEN CONSENT OF A DULY AUTHORIZED OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.

REV	DATE	DESCRIPTION	BY	ENGINEERING APPROVAL	DATE
E	09-18-06	CHG'D CUSTOMER TO WILLIAMS; ADDED SHTS 7-9; CORRECTED HEIGHT OF RAM	MWL		
D	09-07-06	CHG'D CUSTOMER TO WILLIAMS PRODUCTION; ADDED SHEETS 2 THRU 6	MWL		
H	4-25-07	ADDED MARATHON RIGS 314 & 324 AND PAGE NUMBERS REVISED	JBG		
G	02-26-07	ADDED NOTE & SHEET 10	MWL		
F	11/28/06	ADDED CHOKE ARRANGEMENT FOR RIGS 279-280	LT		

HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.

TITLE: BOP ARRANGEMENT FOR F4S

CUSTOMER: WILLIAMS PRODUCTION (RIGS 271 - 280)

PROJECT: F4S

DRAWN: BDB | DATE: 11.30.05 | DWG. NO.: F4S-H-203 | REV: H

SCALE: 3/4"=1'-0" | SHEET: 1 OF 12

'API Well No:43047514210000'

'APIWellNo:43047514210000'

B&A Buys & Associates, Inc.
Environmental Consultants

2580 Creekview Road
Moab, Utah 84532
435/719-2018

December 17, 2010

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Stewart Petroleum Corporation – Tumbleweed 19-1
Surface Location: 1,663' FSL & 673' FEL, NE/4 SE/4, Section 18,
Target Location: 249' FNL & 559' FEL, NE/4 NE/4, Section 19,
T15S, R21E, SLB&M, Uintah County, Utah

Dear Diana:

Stewart Petroleum Corporation respectfully submits this request for exception to spacing (R649-3-11) based on topography since the well is located less than 460 feet to the drilling unit boundary. Harvest (US) Holdings, Inc. is the only owner and operator within 460' of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 435-719-2018 if you have any questions or need additional information.

Sincerely,

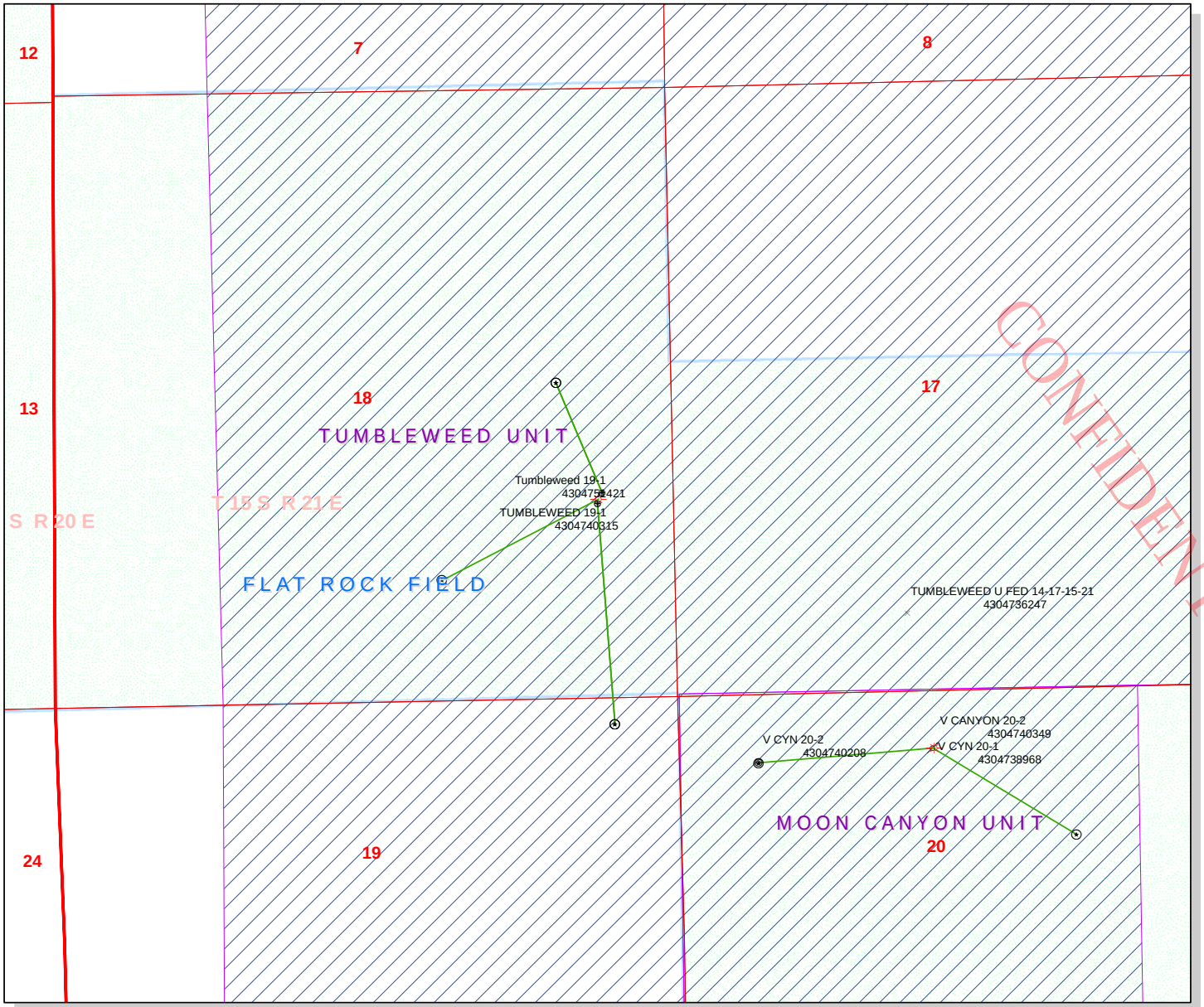
Don Hamilton

Don Hamilton
Agent for Stewart Petroleum Corporation

cc: Daryl R. Stewart, Stewart Petroleum Corporation

CONFIDENTIAL

'APIWellNo:4304751421000'



API Number: 4304751421

Well Name: Tumbleweed 19-1

Township 15.0 S Range 21.0 E Section 18

Meridian: SLBM

Operator: STEWART PETROLEUM CORP

Map Prepared:
Map Produced by Diana Mason

SGID93.ENERGY.DNROilGasWells

- <all other values>

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township
- Bottom Hole Location - AGRC

1,100 550 0 1,100 Feet

1:10,660

'APIWellNo:43047514210000'

United States Department of the Interior

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

IN REPLY REFER TO:
3160
(UT-922)

January 3, 2011

CONFIDENTIAL

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Tumbleweed Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Tumbleweed Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Wingate)		
43-047-51418	Tumbleweed 18-8	Sec 18 T15S R21E 1753 FSL 0629 FEL BHL Sec 18 T15S R21E 2567 FNL 1007 FEL
43-047-51421	Tumbleweed 19-1	Sec 18 T15S R21E 1663 FSL 0673 FEL BHL Sec 19 T15S R21E 0249 FNL 0559 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.01.03 09:18:03 -07'00'

bcc: File - Tumbleweed Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-3-11

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/2010 **API NO. ASSIGNED:** 43047514210000

WELL NAME: Tumbleweed 19-1

OPERATOR: STEWART PETROLEUM CORP (N3145) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NESE 18 150S 210E **Permit Tech Review:** ✔

SURFACE: 1663 FSL 0673 FEL **Engineering Review:** ☐

BOTTOM: 0249 FNL 0559 FEL **Geology Review:** ✔

COUNTY: UINTAH

LATITUDE: 39.51029 **LONGITUDE:** -109.60158

UTM SURF EASTINGS: 620223.00 **NORTHINGS:** 4374131.00

FIELD NAME: FLAT ROCK

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-72018 **PROPOSED PRODUCING FORMATION(S):** WINGATE

SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

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RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** FEDERAL - UTB000251
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 49-123 (A8815) DeLambert
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: TUMBLEWEED

- ☐ **R649-3-2. General**
- ✔ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: R649-3-11

Effective Date:

Siting:

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - dmason
4 - Federal Approval - dmason
15 - Directional - dmason
23 - Spacing - dmason

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Tumbleweed 19-1
API Well Number: 43047514210000
Lease Number: UTU-72018
Surface Owner: FEDERAL
Approval Date: 1/5/2011

Issued to:
STEWART PETROLEUM CORP , 475 17th Street Ste 790, Denver , CO 80202

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WINGATE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
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

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

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.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the “Board”). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an

appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

RECEIVED
AUG 8 2008
~~JUN 2 8 2010~~

Form 3160-3
(February 2005)

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. **UTU-72018**

6. If Indian, Allotee or Tribe Name **N/A**

7. If Unit or CA Agreement, Name and No. **Tumbleweed Unit**

8. Lease Name and Well No. **Tumbleweed #19-1**

9. API Well No. **43-047-** 51421

10. Field and Pool, or Exploratory **undesignated**

11. Sec., T. R. M. or Blk. and Survey or Area **T15S, R21E, SLB&M** Section 18

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

2. Name of Operator **Stewart Petroleum Corporation**

3a. Address **475 17th St., Ste. 790 Denver, Colorado 80202**

3b. Phone No. *(include area code)* **303-799-1922**

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface **1,663' FSL & 673' FEL, NE/4 SE/4, Section 18,**
At proposed prod. zone **249' FNL & 559' FEL, NE/4 NE/4, Section 19,**

14. Distance in miles and direction from nearest town or post office* **40.1 miles southeast of Ouray, Utah**

12. County or Parish **Uintah**

13. State **UT**

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) **673'**

16. No. of acres in lease **281.420 acres**

17. Spacing Unit dedicated to this well **40 acres**

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **40'**

19. Proposed Depth **12,000' TVD-12,216' MD**

20. BLM/BIA Bond No. on file **UTB000251**

21. Elevations (Show whether DF, KDB, RT, GL, etc.) **7,224' GR**

22. Approximate date work will start* **09/15/2008**

23. Estimated duration **21 days drilling 40 days completion**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Don Hamilton — Name *(Printed/Typed)* **Don Hamilton** — Date **08/06/2008**

Title **Agent for Stewart Petroleum Corporation**

Approved by *(Signature)* — Name *(Printed/Typed)* Jerry Kenczka — Date APR 07 2011

Title Assistant Field Manager Lands & Mineral Resources — Office VERNAL FIELD OFFICE

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, are attached. **CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED
APR 11 2011
DIV. OF OIL, GAS & MINING

UDOGM

NDS 06/11/2008

11CXS0007A

ORIGINAL

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Stewart Petroleum Corporation**	**Location:**	**NESE, Sec. 18, T15S, R21E**
Well No:	**Tumbleweed 19-1**	**Lease No:**	**UTU-72018**
API No:	**43-047-51421**	**Agreement:**	**Tumbleweed Unit**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Air Quality

- All internal combustion equipment will be kept in good working order. (Applicant Committed)

- Drill rigs used for drilling in the Tumbleweed II Project Area will be equipped with Tier II or better diesel engines. The use of Tier II or better engines will greatly reduce the amount of NO_x that will be emitted during drilling operations. (Applicant Committed)

- Vent emissions from stock tanks and natural gas TEG dehydrators will be controlled by routing the emissions to a flare or similar control device which will reduce emissions by 95% or greater. This control measure will reduce VOC and HAP emissions from the project. (Applicant Committed)

- During drilling and completion operations, temporary worker housing will be located on the existing TUF #18-9 well pad. By providing housing close to the project, and reducing the amount of miles that the drilling and completion crews will travel, emissions associated with vehicle impacts will be reduced, specifically particulate matter from unpaved roads and tailpipe (VOC and NOx) emissions. Approximately 10 workers (comprised of 2-4 person rig crews working 12-hour shifts, plus 2 drilling/geological consultants) will occupy the temporary worker housing site at any one time. (Applicant Committed)

- Low bleed pneumatics will be installed on separator dump valves and other controllers. The use of low bleed pneumatics will result in a lower emission of VOCs. (Applicant Committed)

- During completion operations Stewart will limit flaring to clean up uses and as soon as possible will install production equipment and gathering line which will limit VOC emissions. (Applicant Committed)

- Stewart will use water or other approved dust suppressants at construction sites and along roads, as determined appropriate by the Authorized Officer. (Applicant Committed)

- Well site telemetry will be utilized to eliminate unnecessary pumper travel to the well site, thus further reducing vehicle tailpipe emissions. (Applicant Committed)

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Cultural/Historical Resources

- Stewart will inform their employees, contractors and subcontractors about relevant Federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of Federal law and that employees engaged in this activity will be subject to disciplinary action. (Applicant Committed)

Health and Safety/Hazardous Materials

- Stewart will utilize portable sanitation facilities at drill sites; place dumpsters at each construction site to collect and store garbage and refuse; and ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal. (Applicant Committed)

Rangeland Management and Wild Horses

- Stewart will repair or replace to current BLM standards any fences, cattle guards, gates, drift fences, and natural barriers that are damaged as a result of the Proposed Action. Cattle guards will be used instead of gates for livestock control on most road ROWs. (Applicant Committed)

- Where the proposed pipeline (from the existing compressor station) will cross the Horse Point and Winter Ridge Allotment boundary, Stewart will keep the boundary intact with an appropriate cattleguard and gate, and will make any fence modification to the four-strand barbed wire specification required for all cattle range fences. (Applicant Committed)

- In order to offset potential impacts to water sources, the guzzler within Section 4, T15S, R21E could be improved for livestock, wild horse, and wildlife use. As an alternative to improving the existing guzzler, the BLM will consider requiring the construction of a new guzzler at ~ UTM 625751, 4376800. The decision as to which of these mitigation measures will be implemented will be determined on a site-specific basis following project approval but prior to additional surface disturbance. (Condition of Approval)

- At the direction of the BLM, the operator will improve existing ponds within the project area (i.e., located at the following UTM coordinates 1) 623173, 437615; 2) 622699, 4375516; 3) 622294, 4375110; and 4) 621019, 4374039 in order to minimize displacement of animals and to offset potential impacts to water sources. (Condition of Approval)

Soils

- Stewart will comply with standards identified in "The Surface Operating Standards for Oil and Gas Exploration and Development" (Gold Book) (BLM 2007). (Applicant Committed)

- Topsoil will be temporarily stockpiled and seeded to reduce erosion until interim reclamation is initiated. Topsoil stockpiles will also be designed to maximize surface area in order to reduce impacts to soil microorganisms. On reclaimed areas, topsoil depths will be distributed evenly unless conditions warrant a varying depth. (Applicant Committed)

- Areas used for spoil storage will be stripped of topsoil before spoil placement. (Applicant Committed)

- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize

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slopes, and water bars will be installed on disturbed slopes. BMPs will be installed as specified in the SWMP. These BMPs could include retention basins, infiltration basins, and vegetated filter strips. Erosion control efforts will be monitored by Stewart and necessary modifications made to control erosion. (Applicant Committed)

- Soils compacted during construction will be ripped and tilled as necessary prior to reseeding. Cut and fill sections on all roads and along pipelines will be revegetated with seed mixtures as defined in **Section 2.1.13** of the Final EA. (Applicant Committed)

Vegetation

- Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements where feasible, placing pipelines adjacent to roads, limiting well pad size, etc.). (Applicant Committed)

- To mitigate the loss of recently completed habitat restoration work within the Tumbleweed II Project Area, the BLM will consider compensatory mitigation on an "as appropriate basis" in proportion with annual project-related disturbance. As feasible, the location of the habitat restoration work will be identified within or adjacent to the Tumbleweed II Project Area, and similar restoration efforts will be implemented as had previously been completed. Work will likely consist of removing encroaching pinyon and juniper trees from the sagebrush habitat in order to enhance sagebrush habitats. Vegetation mitigation will be completed at the expense of the operator. The details of this mitigation plan will be determined by the BLM and UDWR. (Condition of Approval)

Water Resources

- Stewart will inform their employees, contractors and subcontractors of the potential impacts that could result from accidental spills, as well as the appropriate actions to take if a spill does occur. (Applicant Committed)

Wildlife

- To minimize wildlife-vehicle collisions, Stewart will advise project personnel regarding appropriate speed limits in the Tumbleweed II Project Area. Employees and contractors will be educated about anti-poaching laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by Stewart and the violations will be reported to the UDWR. (Applicant Committed)

- No surface disturbing activities that will result in adverse impacts to deer and elk within crucial winter range will be allowed from December 1-April 30. (Condition of Approval)

- Permission to clear all wildlife stipulations will only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.

Greater Sage-grouse

- Prior to surface disturbance or drilling activity between March 1 and June 15, historic leks within a 2-mile radius of proposed surface disturbance will be surveyed during the breeding season to determine if they are being actively used by sage-grouse. If a lek is active, no surface-disturbing activities will occur within 2 miles of the active lek from March 1-June 15. Furthermore, if a lek is active, Stewart will limit all traffic (with the exception of traffic associated with emergency repairs or

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maintenance) within 2 miles of the active lek between 5:00am and 9:00am from March 1 to June 15. (Applicant Committed)

- No new surface-disturbing activities will be allowed within ½ mile of active sage-grouse leks year-round, unless with explicit cause and after consultation with the State, the BLM grants a variance to this buffer (PLPCO 2008). (Condition of Approval)

- For active sage-grouse leks that are not visually screened from well pads by natural topography or vegetation, low-profile tanks will be used. (Applicant Committed)

Raptors

- Prior to any surface-disturbing activities associated with construction or drilling during the breeding season, a BLM-approved contractor will survey all areas within 1 mile of proposed surface disturbance, or as directed by the BLM, for the presence of raptor nests. If occupied/active raptor nests are found, construction or drilling will not occur during the nesting season for that species within the species-specific buffer described in the Approved RMP. In addition, as specified in these guidelines, modifications of these spatial and seasonal buffers for BLM-authorized actions will be permitted by the AO, so long as protection of nesting raptors is ensured (BLM 2008). On SITLA-administered lands, raptor management will be coordinated with the appropriate AO. (Applicant Committed)

Mexican Spotted Owl

- No surface-disturbing activities will be allowed within "good" and "fair" Mexican Spotted Owl (MSO) habitat as defined by the BLM in SWCA (2005) until surveys have been conducted in accordance with USFWS protocol. If more than four years have elapsed since the last survey, another complete, two year, inventory will be required prior to any project-related surface-disturbing activities. (The last survey was conducted in 2009) (Applicant Committed)

- In order to protect MSO and their habitat, the following survey and protection protocols will be put into effect for the proposed TUF #4-11, TUF #9-11, TUF #17-4, and TUF #18-9:

  - No surface-disturbing activities will be allowed within "good" and "fair" habitat designations or within the ½-mile buffer of those designations until the two years of surveys have been completed.

  - If MSO are documented during future surveys, the BLM will follow USFWS protocol for Protected Activity Center (PAC) establishment and raptor management protocol defined in "Best Management Practices for Raptors and their Associated Habitats in Utah."

  - If no owls have been detected at the completion of the two seasons of calling surveys, no additional mitigation or BMPs (including special or timing restrictions) will be implemented. However, if more than four years have elapsed between the end of the two seasons of survey and the initiation of surface-disturbing activities at any proposed location then another complete inventory will be required prior to any surface-disturbing activities.

  (Applicant Committed)

* 2 years of MSO surveys were completed for the proposed TUF #18-9 and associated road and pipeline corridor by Grasslands Consulting and EIS Consulting according to USFWS guidelines. No MSO were

seen or heard during the 2006 or 2007 inventories. As such, MSO survey requirements for this proposed well and its proposed road and pipeline corridor have been met. If more than four years elapse between the end of the two seasons of survey and the initiation of surface-disturbing activities within the ½-mile buffer, then another complete inventory will be required prior to any surface-disturbing activities.

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DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Surface casing cement shall be brought to surface.
  For Top Out stage (if needed) cement shall be brought to surface.
- The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.
- Variances approval covering operations of air drilling. Blooie line discharge 100 feet from the wellbore, variance granted for blooie line discharge to be 80 feet from the wellbore.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

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- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.

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- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers 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 shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/21/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Original permit was approved on 01-05-2011 and this is the first extension being requested.

Approved by the Utah Division of Oil, Gas and Mining

Date: 01/04/2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Agent
SIGNATURE N/A		**DATE** 12/30/2011

RECEIVED Dec. 30, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047514210000

API: 43047514210000
Well Name: TUMBLEWEED 19-1
Location: 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S
Company Permit Issued to: STEWART PETROLEUM CORP
Date Original Permit Issued: 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Don Hamilton **Date:** 12/30/2011
Title: Agent **Representing:** STEWART PETROLEUM CORP

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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 19 2012
BLM

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU72018

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UTU80665X

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
TUMBLEWEED 19-1

2. Name of Operator
STEWART PETROLEUM CORPORATION
Contact: DON S HAMILTON
E-Mail: starpoint@etv.net

9. API Well No.
43-047-51421-00-X1

3a. Address
475 17TH STREET, SUITE 790
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 435-719-2018
Fx: 435-719-2019

10. Field and Pool, or Exploratory
UNDESIGNATED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T15S R21E NESE 1663FSL 673FEL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Stewart Petroleum Corporation respectfully requests a two year extension of the approved APD for the Tumbleweed 19-1. This is the first extension that has been requested. No changes to the approved plan and no changes in ownership have occurred since the initial approval on April 7, 2011.

VERNAL FIELD OFFICE
ENG. RAM 11/2/12
GEOL.
E.S.
PET.
RECL.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #151051 verified by the BLM Well Information System
For STEWART PETROLEUM CORPORATION, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 10/29/2012 (13RRH4944SE)

Name *(Printed/Typed)* DARYL STEWART — Title OPERATOR

RECEIVED
NOV 29 2012
DIV. OF OIL, GAS & MINING

Signature (Electronic Submission) — Date 09/19/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Assistant Field Manager Lands & Mineral Resources — Date NOV 16 2012

Conditions of approval, if any, are attached. Approval of this notice 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.

Office VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UDOGM

Revisions to Operator-Submitted EC Data for Sundry Notice #151051

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	UTU72018	UTU72018
Agreement:	TUMBLEWEED	UTU80665X (UTU80665X)
Operator:	STEWART PETROLEUM CORPORATION 475 17TH STREET, SUITE 790 DENVER, CO 80202 Ph: 303-799-1922	STEWART PETROLEUM CORPORATION 475 17TH STREET, SUITE 790 DENVER, CO 80202 Ph: 303.799.1922
Admin Contact:	DON S HAMILTON PERMITTING AGENT E-Mail: starpoint@etv.net Cell: 435-650-3866 Ph: 435-719-2018 Fx: 435-719-2019	DON S HAMILTON PERMITTING AGENT E-Mail: starpoint@etv.net Cell: 435-650-3866 Ph: 435-719-2018 Fx: 435-719-2019
Tech Contact:	DARYL STEWART PRESIDENT E-Mail: DStewart@stewartpetroleum.com Ph: 303-799-1922	DARYL STEWART OPERATOR Ph: 303.799.1922
Location: State: County:	 UT UINTAH	 UT UINTAH
Field/Pool:	UNDESIGNATED	UNDESIGNATED
Well/Facility:	TUMBLEWEED 19-1 Sec 18 T15S R21E Mer SLB NESE 1663FSL 673FEL 39.510281 N Lat, 109.602300 W Lon	TUMBLEWEED 19-1 Sec 18 T15S R21E NESE 1663FSL 673FEL

CONDITIONS OF APPROVAL

Stewart Petroleum Corp

Notice of Intent
APD Extension

Lease: UTU-72018
Well: Tumbleweed 19-1
Location: NESE Sec 18 T15S R21E

An extension for the referenced APD is granted with the following conditions:

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1. The extension and APD shall expire on 04/07/2015.

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/15/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Original permit was approved on 01-05-2011 and this is the sectond extension being requested.

Approved by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Agent

SIGNATURE	DATE
N/A	12/4/2012

RECEIVED: Dec. 04, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047514210000

API: 43047514210000
Well Name: TUMBLEWEED 19-1
Location: 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S
Company Permit Issued to: STEWART PETROLEUM CORP
Date Original Permit Issued: 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Don Hamilton **Date:** 12/4/2012
Title: Agent **Representing:** STEWART PETROLEUM CORP

RECEIVED: Dec. 04, 2012

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 5/1/2014
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests a one year extension of the state drilling permit for the referenced well. This is the third extension that has been requested.

Approved by the Utah Division of Oil, Gas and Mining

Date: December 18, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Agent

SIGNATURE	DATE
N/A	12/16/2013

RECEIVED: Dec. 16, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047514210000

API: 43047514210000
Well Name: TUMBLEWEED 19-1
Location: 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S
Company Permit Issued to: STEWART PETROLEUM CORP
Date Original Permit Issued: 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Don Hamilton **Date:** 12/16/2013
Title: Agent **Representing:** STEWART PETROLEUM CORP

RECEIVED: Dec. 16, 2013

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ✓ SPUD REPORT — Date of Spud: 9/15/2014
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The Tumbleweed 19-1 was spud on 9-15-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring. Stewart Petroleum Corporation respectfully requests that drilling operations be suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bores.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 17, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE	DATE
N/A	11/14/2014

RECEIVED: Nov. 14, 2014

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/15/2015
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Stewart Petroleum Corporation respectfully requests that drilling operations be suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bore. The Tumbleweed 19-1 was spud on 9-15-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring. Following please find the drilling report for this well.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 29, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE	DATE
N/A	12/31/2014

RECEIVED: Dec. 31, 2014

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
11/15/2014 – Drilling operations suspended for spring weather conditions
12/15/2014 – Drilling operations suspended for spring weather conditions

RECEIVED: Dec. 31, 2014

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/15/2015
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Drilling operations suspended for spring weather conditions.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 02, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 2/17/2015

RECEIVED: Feb. 17, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
11/15/2014 – Drilling operations suspended for spring weather conditions
12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions
2/15/2015 – Drilling operations suspended for spring weather conditions

RECEIVED: Feb. 17, 2015

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/15/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Drilling operations suspended for spring weather conditions

Accepted by the Utah Division of Oil, Gas and Mining

Date: March 04, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 1/26/2015

RECEIVED: Jan. 26, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
11/15/2014 – Drilling operations suspended for spring weather conditions
12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions

RECEIVED: Jan. 26, 2015

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/15/2014
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bore.

Accepted by the Utah Division of Oil, Gas and Mining

Date: March 26, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE	DATE
N/A	3/18/2015

RECEIVED: Mar. 18, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
11/15/2014 – Drilling operations suspended for spring weather conditions
12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions
2/15/2015 – Drilling operations suspended for spring weather conditions
3/15/2015 – Drilling operations suspended for spring weather conditions

RECEIVED: Mar. 18, 2015

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 5/1/2016
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (see attached formal request letter).

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 14, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE	DATE
N/A	4/14/2015

RECEIVED: Apr. 14, 2015

STEWART PETROLEUM CORPORATION
475 Seventeenth Street • Suite 1250 • Denver, CO 80202
(303) 799-1922 • FAX (303) 799-1924

April 10, 2015

Robin L. Hansen - Senior Petroleum Engineer
Bureau of Land Management
Green River District – Vernal Field Office
170 South 500 East
Vernal, Utah 84078

Re: Extension of Drilling Operations Suspension – Stewart Petroleum Corporation
- Tumbleweed 18-8 (43-047-51418) - UTU-72059
- Tumbleweed 19-1 (43-047-51421) UTU-72018

Dear Mr. Robin Hansen:

Stewart Petroleum Corporation is the operator of the Tumbleweed 18-8 and Tumbleweed 19-1 wells to be drilled to the above referenced federal leases from a federal surface location within the NE/4 SE/4, Section 18, T15S, R21E, SLB&M in Uintah County, Utah. This letter constitutes a formal application for extension of the previously approved Drilling Operations Suspension dated March 31, 2015 for the referenced wells.

On September 14, 2014 Stewart Petroleum Corporation spud the approved Tumbleweed 18-8 and Tumbleweed 19-1 wells with drilling of the wells to follow. On November 14, 2014 Stewart Petroleum Corporation filed for a Suspension of Drilling Operations until spring conditions would allow drilling of the well bores which was later approved on December 17, 2014. Collapse of the oil and gas economy followed this this approval resulting in the wells being uneconomic to drill until some recovery of the oil and gas economy occurs. Current economic indicators suggest that the economy will steadily improve during 2015 and early 2016 with an April 2016 natural gas price of $3.45/MMBtu and oil price of $71.00/bbl. The wells would unlikely be economic to drill until these prices were reached during the spring of 2016 at which time Stewart Petroleum would drill the wells or request additional short-term extension.

Stewart Petroleum Corporation requests that formal approval be given to maintain the current suspension of drilling operations until May 1, 2016.

Please feel free to contact me at 303-799-1922 (office) or 720-339-9637 (mobile) or Don Hamilton at 435-650-3866 of Star Point Enterprises, Inc. should you have any questions, need additional information or prefer to discuss by phone.

Sincerely,

Daryl R. Stewart - President
Stewart Petroleum Corporation

cc: Don Hamilton, Star Point Enterprises, Inc.

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions
2/15/2015 – Drilling operations suspended for spring weather conditions
3/15/2015 – Drilling operations suspended for spring weather conditions
4/14/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Apr. 14, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 5/1/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Suspension of Drilling

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted)

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 18, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 5/15/2015

RECEIVED: May. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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2/15/2015 – Drilling operations suspended for spring weather conditions
3/15/2015 – Drilling operations suspended for spring weather conditions
4/15/2015 – Drilling operations suspended for better economic conditions
5/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: May. 15, 2015

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 6/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 15, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 6/15/2015

RECEIVED: Jun. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions
2/15/2015 – Drilling operations suspended for spring weather conditions
3/15/2015 – Drilling operations suspended for spring weather conditions
4/15/2015 – Drilling operations suspended for better economic conditions
5/15/2015 – Drilling operations suspended for better economic conditions
6/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Jun. 15, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 7/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 28, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 7/15/2015

RECEIVED: Jul. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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1/15/2015 – Drilling operations suspended for spring weather conditions
2/15/2015 – Drilling operations suspended for spring weather conditions
3/15/2015 – Drilling operations suspended for spring weather conditions
4/15/2015 – Drilling operations suspended for better economic conditions
5/15/2015 – Drilling operations suspended for better economic conditions
6/15/2015 – Drilling operations suspended for better economic conditions
7/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Jul. 15, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 8/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 19, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 8/15/2015

RECEIVED: Aug. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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3/15/2015 – Drilling operations suspended for spring weather conditions
4/15/2015 – Drilling operations suspended for better economic conditions
5/15/2015 – Drilling operations suspended for better economic conditions
6/15/2015 – Drilling operations suspended for better economic conditions
7/15/2015 – Drilling operations suspended for better economic conditions
8/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Aug. 15, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 9/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 16, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 9/15/2015

RECEIVED: Sep. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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12/15/2014 – Drilling operations suspended for spring weather conditions
1/15/2015 – Drilling operations suspended for spring weather conditions
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3/15/2015 – Drilling operations suspended for spring weather conditions
4/15/2015 – Drilling operations suspended for better economic conditions
5/15/2015 – Drilling operations suspended for better economic conditions
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7/15/2015 – Drilling operations suspended for better economic conditions
8/15/2015 – Drilling operations suspended for better economic conditions
9/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Sep. 15, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 10/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 16, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 10/16/2015

RECEIVED: Oct. 16, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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9/15/2015 – Drilling operations suspended for better economic conditions
10/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Oct. 16, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 11/15/2015	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 19, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 11/18/2015

RECEIVED: Nov. 18, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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9/15/2015 – Drilling operations suspended for better economic conditions
10/15/2015 – Drilling operations suspended for better economic conditions
11/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Nov. 18, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 12/15/2015

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 15, 2015

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 12/15/2015

RECEIVED: Dec. 15, 2015

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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6/15/2015 – Drilling operations suspended for better economic conditions
7/15/2015 – Drilling operations suspended for better economic conditions
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10/15/2015 – Drilling operations suspended for better economic conditions
11/15/2015 – Drilling operations suspended for better economic conditions
12/15/2015 – Drilling operations suspended for better economic conditions

RECEIVED: Dec. 15, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 1/15/2016

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 19, 2016

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 1/15/2016

RECEIVED: Jan. 15, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
10/15/2014 – Drilling operations suspended for spring weather conditions
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12/15/2015 – Drilling operations suspended for better economic conditions
1/15/2016 – Drilling operations suspended for better economic conditions

RECEIVED: Jan. 15, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 2/15/2016

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 16, 2016

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 2/15/2016

RECEIVED: Feb. 15, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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7/15/2015 – Drilling operations suspended for better economic conditions
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2/15/2016 – Drilling operations suspended for better economic conditions

RECEIVED: Feb. 15, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 3/15/2016

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 16, 2016

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 3/16/2016

RECEIVED: Mar. 16, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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RECEIVED: Mar. 16, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: TUMBLEWEED 19-1

2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 4/15/2016	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 18, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 4/14/2016

RECEIVED: Apr. 14, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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3/15/2016 – Drilling operations suspended for better economic conditions
4/15/2016 – Drilling operations suspended for better economic conditions

RECEIVED: Apr. 14, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: TUMBLEWEED

1. TYPE OF WELL Gas Well

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2. NAME OF OPERATOR: STEWART PETROLEUM CORP

9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 5/15/2016

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 16, 2016

NAME (PLEASE PRINT) Don Hamilton

PHONE NUMBER 435 719-2018

TITLE Permitting Agent (Star Point Enterprises, Inc.)

SIGNATURE N/A

DATE 5/15/2016

RECEIVED: May. 15, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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RECEIVED: May. 15, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1663 FSL 0673 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 15, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 6/15/2016

RECEIVED: Jun. 15, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

9/15/2014 – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.
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RECEIVED: Jun. 15, 2016

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

FORM 9

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PHONE NUMBER: 303 799-1922 Ext

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4. LOCATION OF WELL
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Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 18, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 7/15/2016

RECEIVED: Jul. 15, 2016

Stewart Petroleum Corporation

Drilling Report

Tumbleweed 19-1 (43-047-51421)

UTU-72018

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RECEIVED: Jul. 15, 2016

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018

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9. API NUMBER: 43047514210000

3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202

PHONE NUMBER: 303 799-1922 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1753 FSL 0629 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/15/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
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☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

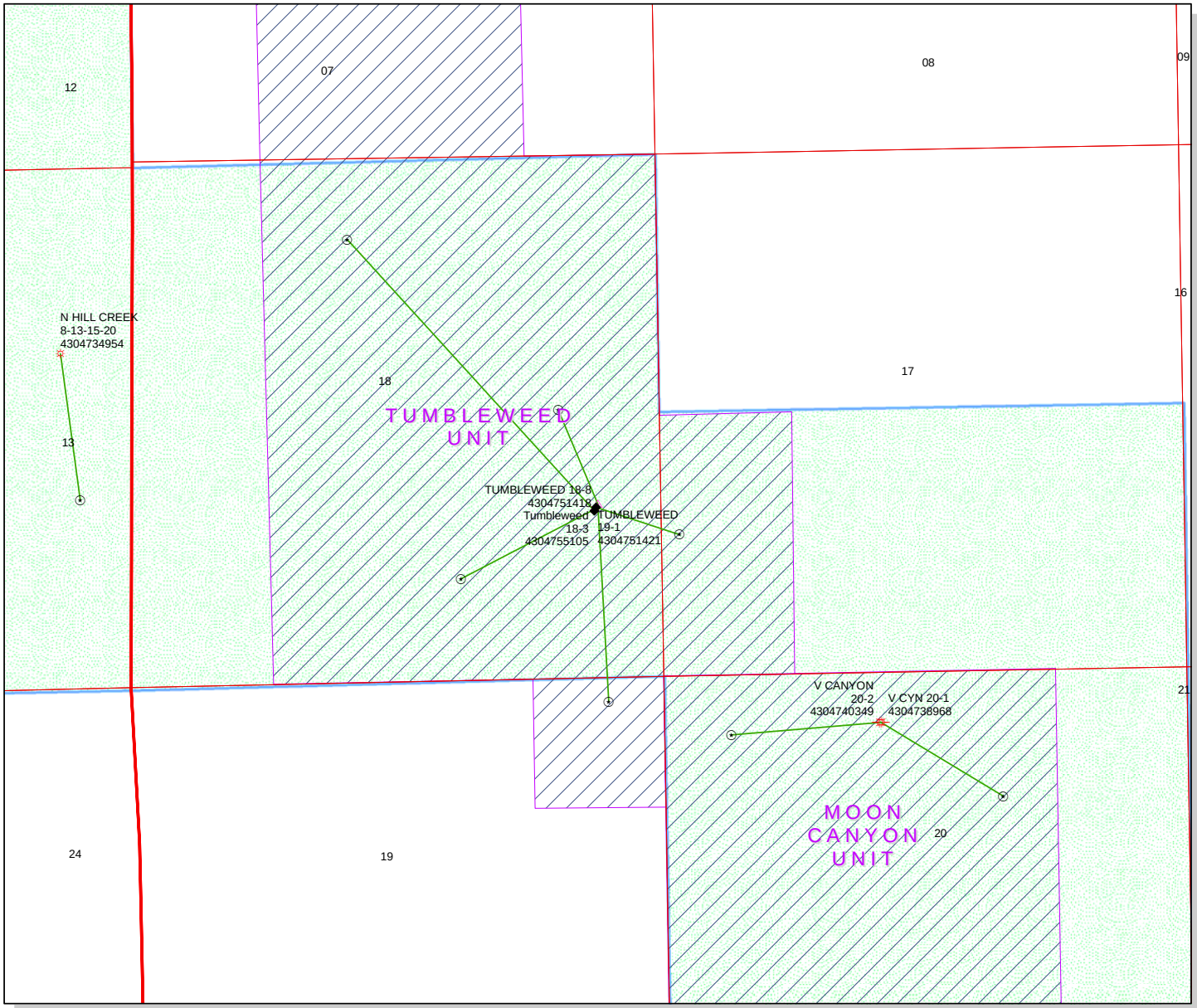
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that the surface location for the Tumbleweed 19-1 be relocated to utilize the previously approved Tumbleweed 17-12 surface location. The bottom hole location has not changed. Following are the updated locations along the intended well bore path: Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M Attached please find revised APD attachments reflecting the change to replace those previously approved.

Approved by the Utah Division of Oil, Gas and Mining
July 26, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		**DATE** 7/18/2016

RECEIVED: Jul. 18, 2016



API Number: 4304751421

Well Name: TUMBLEWEED 19-1

Township: T15.0S Range: R21.0E Section: 18 Meridian: S

Operator: STEWART PETROLEUM CORP

Map Prepared: 7/21/2016
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

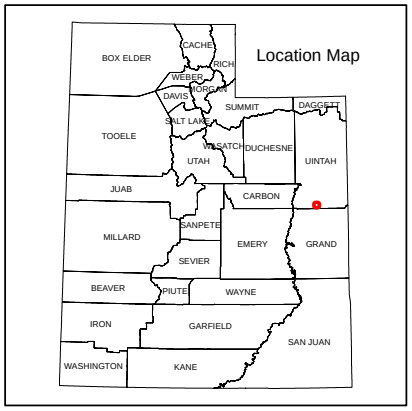
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



N

1,250 625 0 1,250 Feet

1:12,470

RECEIVED: Jul. 21, 2016

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

July 21, 2016

Memorandum

To: Assistant Field Office Manager Minerals, Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2016 Plan of Development Tumbleweed Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2016 within the Tumbleweed Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Wingate)		
43-047-51421	Tumbleweed 19-1	Sec 18 T15S R21E 1753 FSL 0629 FEL BHL Sec 19 T15S R21E 0249 FNL 0559 FEL
43-047-55106	Tumbleweed 17-12	Sec 18 T15S R21E 1717 FSL 0646 FEL BHL Sec 17 T15S R21E 1423 FSL 0187 FWL

This office has no objection to permitting the wells at this time.

MICHAEL COULTHARD Digitally signed by MICHAEL COULTHARD
Date: 2016.07.21 11:20:31 -06'00'

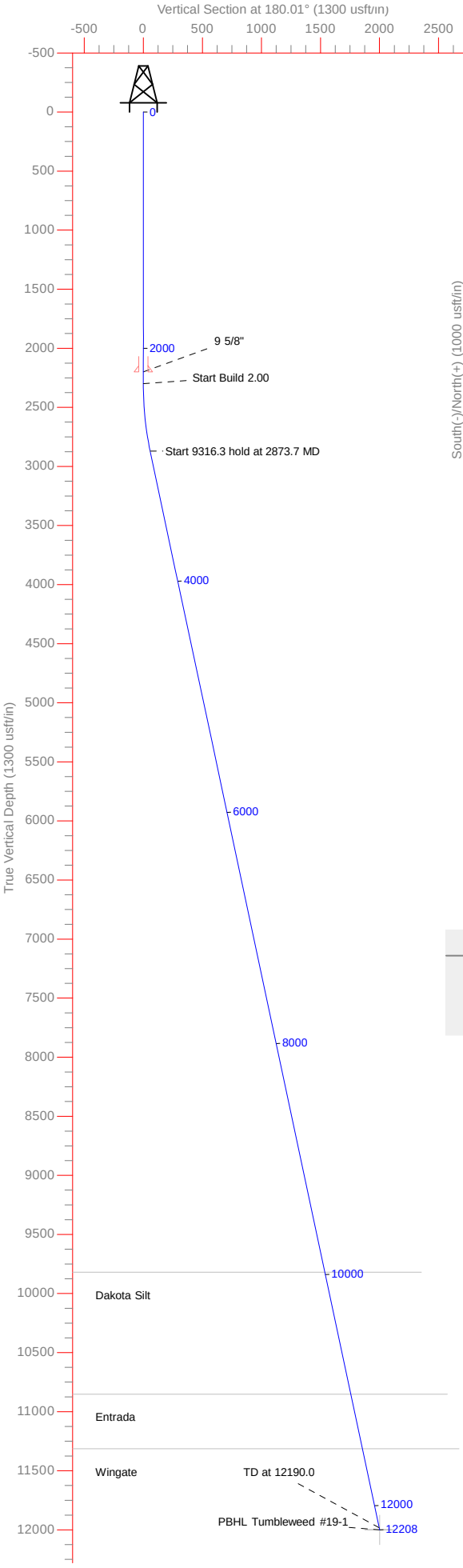
bcc: File - Tumbleweed Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

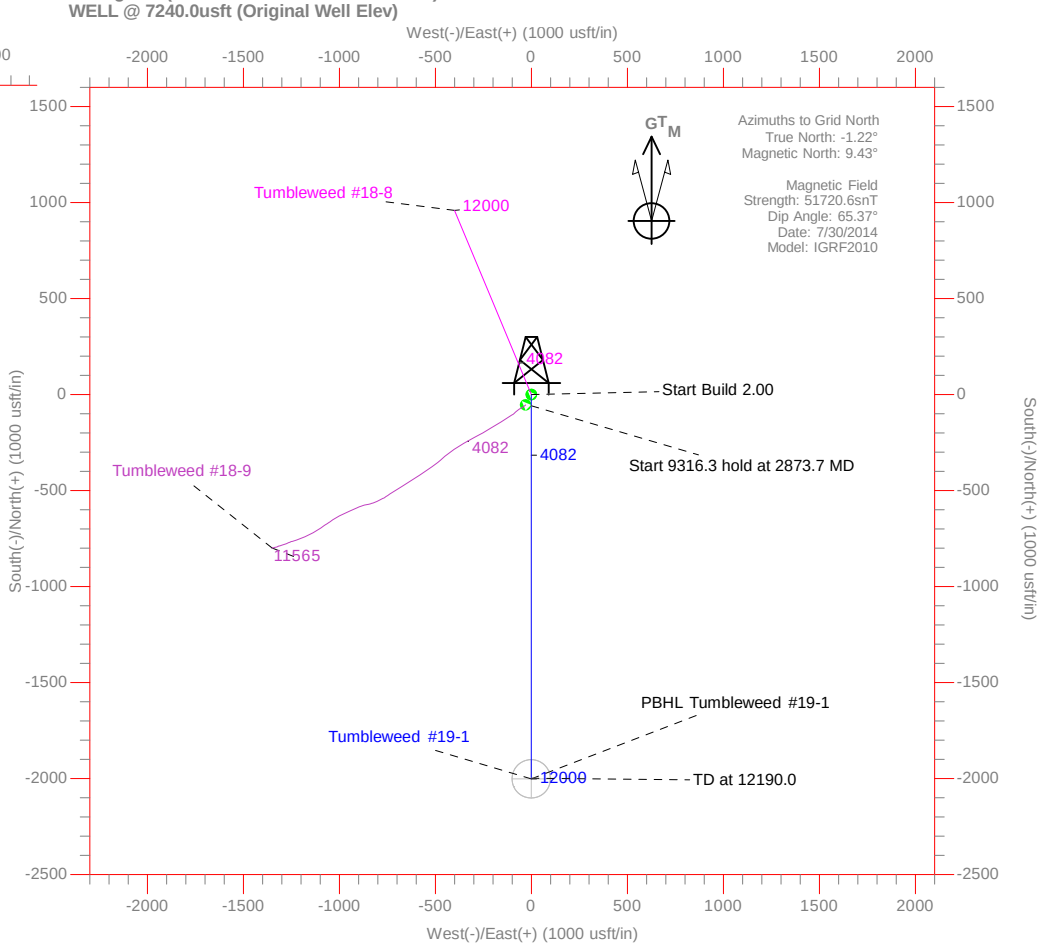
MCoulthard:mc:7-21-16

RECEIVED: Jul. 21, 2016

Shell Petroleum Inc.
Uintah Co., UT
Sec.18 - T15S - R21E
Tumbleweed #19-1
Wellbore #1
Plan: Design #1 (Tumbleweed #19-1/Wellbore #1)
WELL @ 7240.0usft (Original Well Elev)

gyrodata





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL Tumbleweed #19-1 - plan hits target center	12000.0	-2001.0	-0.5	432462.17	2535605.88

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DIeg	TFace	VSect	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
3	2901.0	12.02	180.01	2896.6	-62.8	0.0	2.00	180.01	62.8	
4	12208.4	12.02	180.01	12000.0	-2001.0	-0.5	0.00	0.00	2001.0	

PROJECT DETAILS: Uintah Co., UT

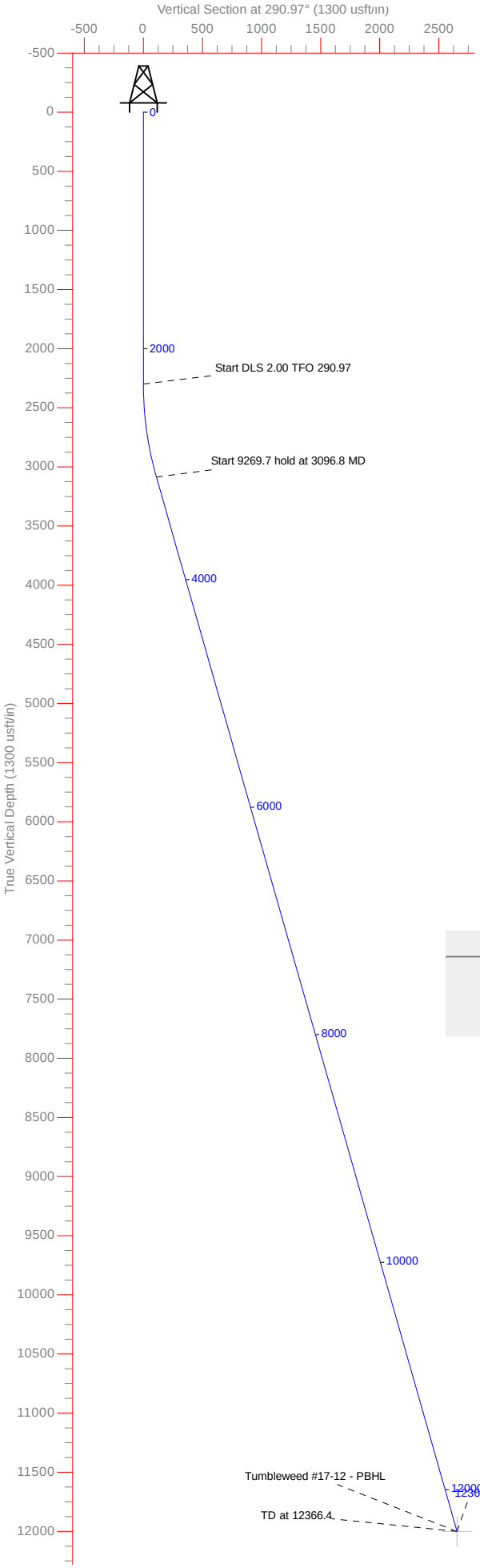
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302
North Reference: Grid
System Datum: Mean Sea Level
To convert a True Direction to a Grid Direction, Subtract 1.22°
To convert a Magnetic Direction to a True Direction, Add 10.65° East
To convert a Magnetic Direction to a Grid Direction, Add 9.43°

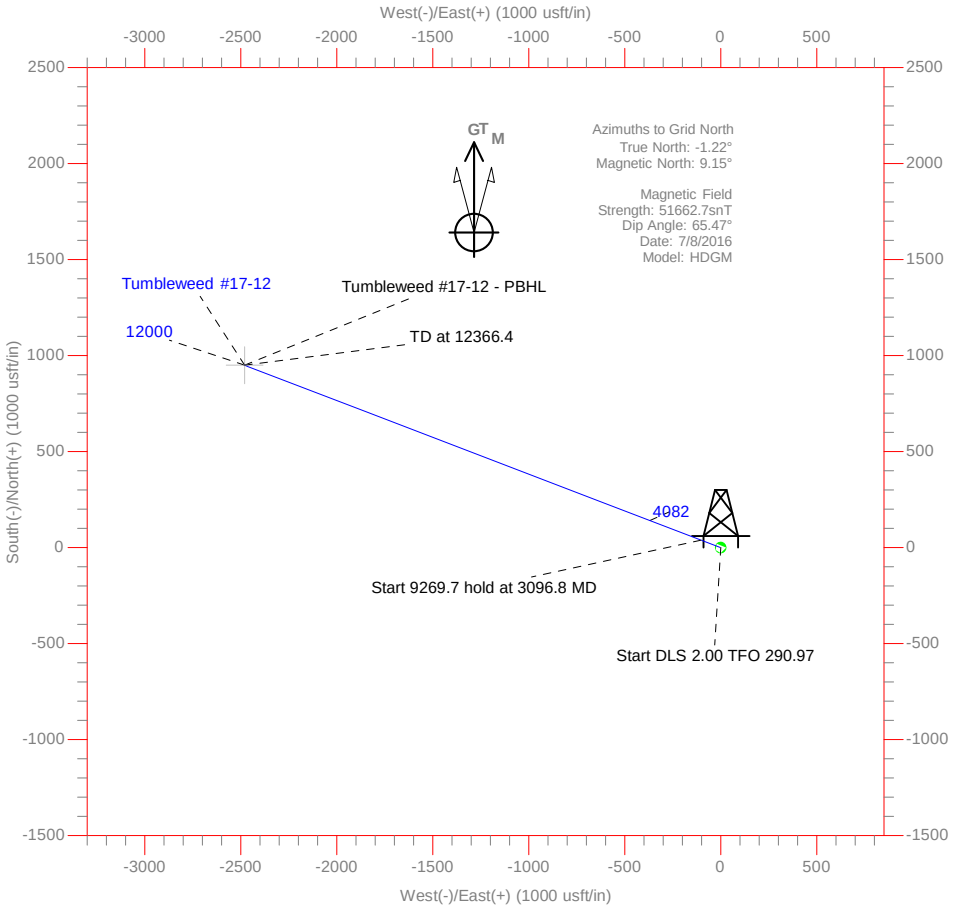
Notice: Section Lines and Hardlines are estimates only and are subject to customer approval

RECEIVED: Jul. 21, 2016

Schlumberger Petroleum Services
Uintah Co., UT
Sec.18 - T15S - R21E
Tumbleweed #17-12
#17-12
Plan: Design #1 (Tumbleweed #17-12 /#17-12)
WELL @ 7244.0usft (GL: 7224' + KB:20')

gyrodata





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
Tumbleweed #17-12 - PBHL - plan hits target center	12000.0	950.3	-2479.1	435377.77	2533110.78

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	Start DLS 2.00 TFO 290.97
3	3096.8	15.94	290.97	3086.5	39.4	-102.8	2.00	290.97	110.1	Start 9269.7 hold at 3096.8 MD
4	12366.4	15.94	290.97	12000.0	950.3	-2479.1	0.00	0.00	2655.0	TD at 12366.4

PROJECT DETAILS: Uintah Co., UT

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302
North Reference: Grid
System Datum: Mean Sea Level
To convert a True Direction to a Grid Direction, Subtract 1.22°
To convert a Magnetic Direction to a True Direction, Add 10.37° East
To convert a Magnetic Direction to a Grid Direction, Add 9.15°

Notice: Section Lines and Hardlines are estimates only and are subject to customer approval

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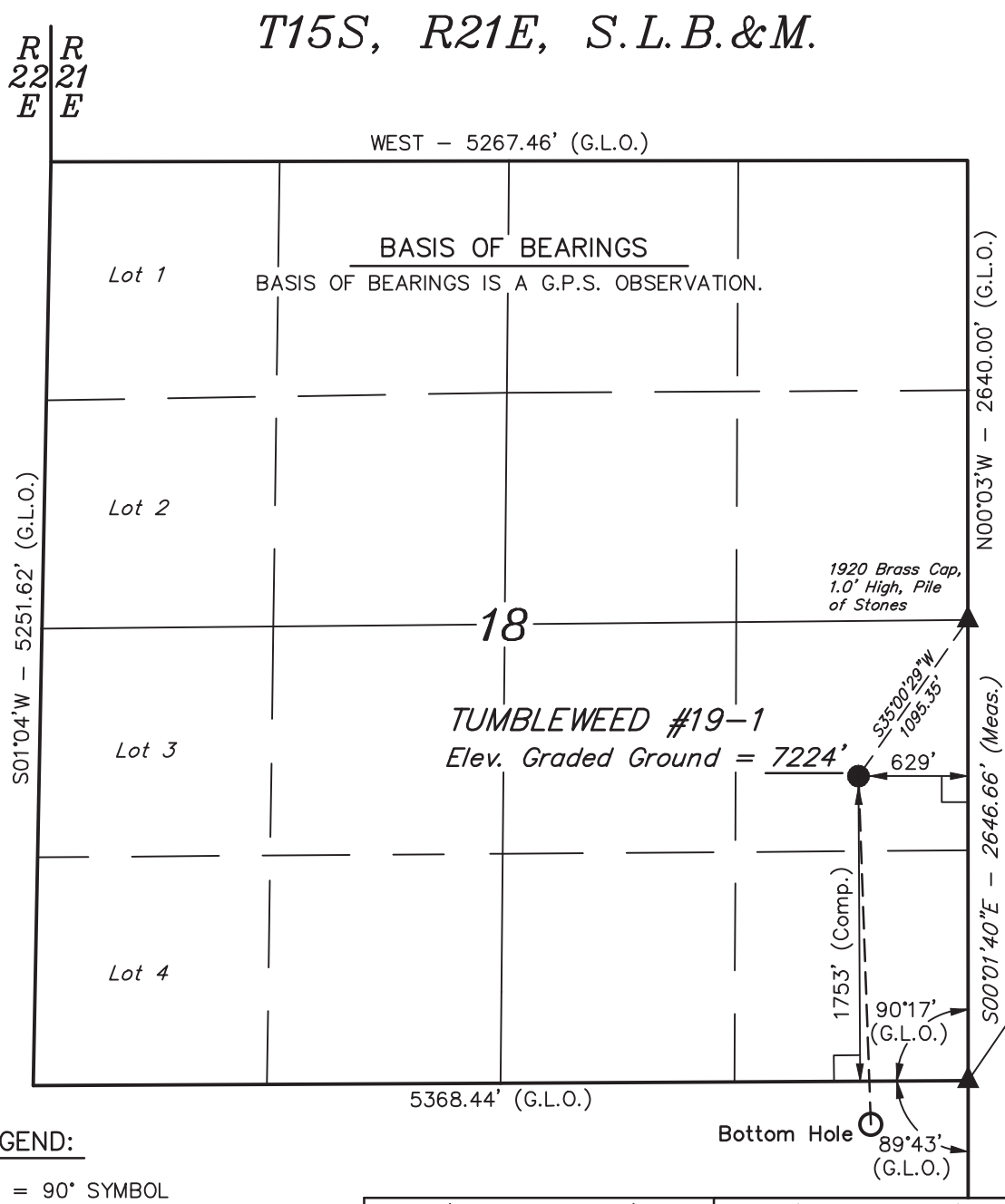
STEWART PETROLEUM CORPORATION

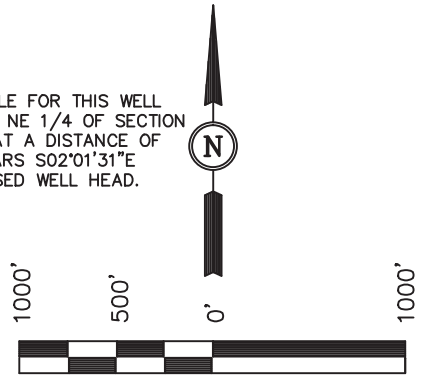
Well location, TUMBLEWEED #19–1, located as shown in the NE 1/4 SE 1/4 of Section 18, T15S, R21E, S.L.B.&M., Uintah County, Utah.



BASIS OF ELEVATION

TRIANGULATION STATION (WINTER) LOCATED IN THE NW 1/4 OF SECTION 25, T15S, R21E, S.L.B.&M. TAKEN FROM THE WOLF POINT QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7462 FEET.

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION 19, T15S, R21E, S.L.B.&M. AT A DISTANCE OF 249' FNL 559' FEL. IT BEARS S02°01'31"E 2002.71' FROM THE PROPOSED WELL HEAD.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 07-12-16

REV: 3 07-08-16 K.B. (NAME & BH CHANGE)

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°30'18.13" (39.505036)	LATITUDE = 39°30'37.90" (39.510528)
LONGITUDE = 109°36'06.80" (109.601889)	LONGITUDE = 109°36'07.73" (109.602147)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 39°30'18.25" (39.505069)	LATITUDE = 39°30'38.03" (39.510564)
LONGITUDE = 109°36'04.33" (109.601203)	LONGITUDE = 109°36'05.26" (109.601461)

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

SCALE 1" = 1000'	DATE SURVEYED: 04–04–08	DATE DRAWN: 04–07–08
PARTY J.R. N.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE STEWART PETROLEUM CORPORATION	

Stewart Petroleum Corporation
Tumbleweed 19-1
Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M (UTU-072059)
Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M (UTU-072018)
Uintah County, UT

Drilling Program

1. Formation Tops

	MD	TVD
Wasatch	1,975'	1,975'
Mesa Verde	3,983'	3,975'
Castlegate	5,802'	5,785'
Mancos	6,004'	5,986'
Dakota Silt	9,772'	9,735'
Cedar Mtn	9,973'	9,935'
Entrada	10,777'	10,735'
Wingate	11,410'	11,135'
TD	12,208'	12,000'

2. Depth to Oil, Gas, Water, or Minerals

Wasatch	1,975'	1,975'	oil and water
Mesa Verde	3,983'	3,975'	gas and water
Castlegate	5,802'	5,785'	gas and water
Mancos	6,004'	5,986'	gas and water
Dakota Silt	9,772'	9,735'	gas and water
Cedar Mtn	9,973'	9,935'	gas and water
Entrada	10,777'	10,735'	gas and water
Wingate	11,410'	11,135'	gas and water

Fresh water zones are not anticipated

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

RECEIVED: Jul. 21, 2016

Stewart Petroleum Corporation
Tumbleweed 19-1
Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M (UTU-072059)
Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M (UTU-072018)
Uintah County, UT

Drilling Program

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4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
									--	--	--
Surface 9 5/8	0'	2,000'	36	K-55	STC	8.33	8.6	11	2,950	1,370	244,000
									2.90	2.06	3.39
Production 5 1/2	0'	10,000'	17	N-80	LTC	1370	9.5	11	4,810	4,040	217,000
									0.94	1.07	1.28
Production 5 1/2	10,000'	12,208'	17	P-110	LTC	9	9.5	11	4,810	4,040	217,000
									1.07	0.84	1.05

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	20	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	83	15%	15.8	1.17
				71			
Surface Lead	12 1/4	1,500'	HiFill with 0.125 lbm/sk Poly E-Flake	940	100%	11.6	3.12
				301			
Surface Tail	12 1/4	500'	Class G with 2%CaCl & 0.125 lbm/sk Poly E-Flake	654	100%	15.8	1.17
				559			
Production Lead	7 7/8	3,300'	50/50 Poz with 5lbs/sk silicalite	715	25%	11.0	3.82
				187			
Production Tail	7 7/8	8,908'	50/50 Poz with 5lbs/sk silicalite	3767	25%	14.3	1.47
				2562			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 25% excess.

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6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,000'	An air and/or fresh water system will be utilized.
2,000' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.47 psi/ft gradient.

12,208' x 0.47 psi/ft = 5713 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

This is planned as a directional well.

Variance Request for FIT Requirements:

Stewart Petroleum Corporation respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the Pressure integrity test (PIT, also known as a formation integrity test (FIT)). This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

Variance Request for Air Drilling Requirements:

Stewart Petroleum Corporation respectfully requests a variance to Onshore Order #2, III.E.1

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.

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- Blooie line discharge 100’ from the well bore. Variance granted for blooie line discharge to be 75’ from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100’ from the wellbore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted “T’s” at bends.
- Automatic igniter. Variance granted for igniter due to water mist.
- Air drilling operations will be conducted only during drilling of the surface casing hole, there is no history of hydrocarbons being encountered in this hole section in the area where these wells are to be drilled.

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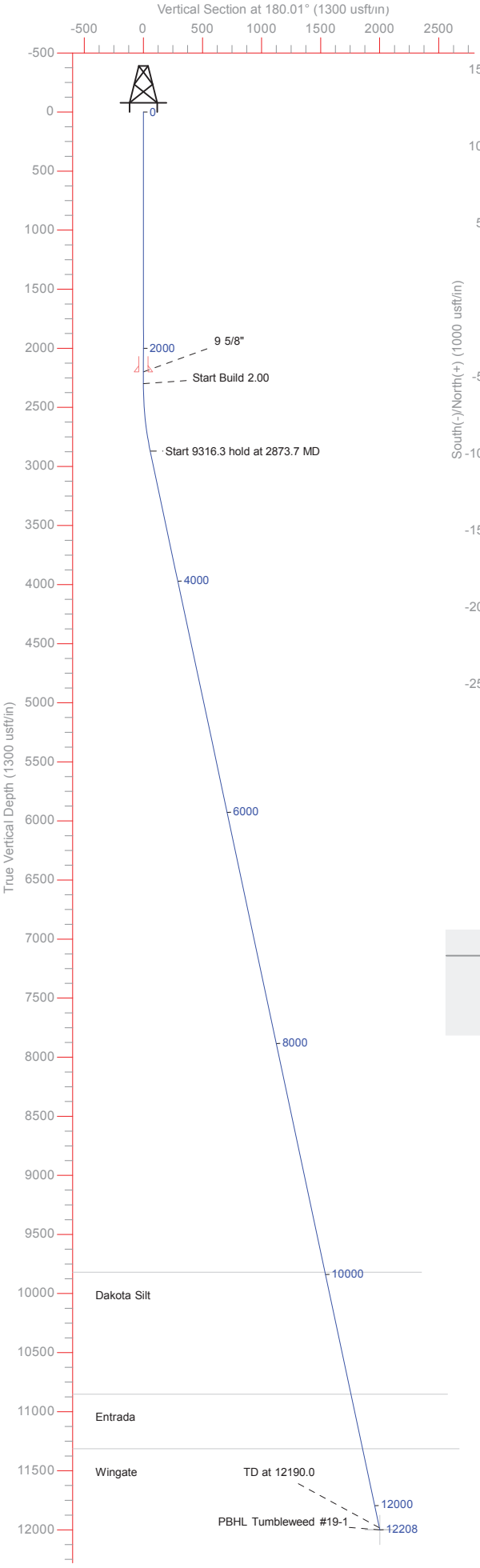
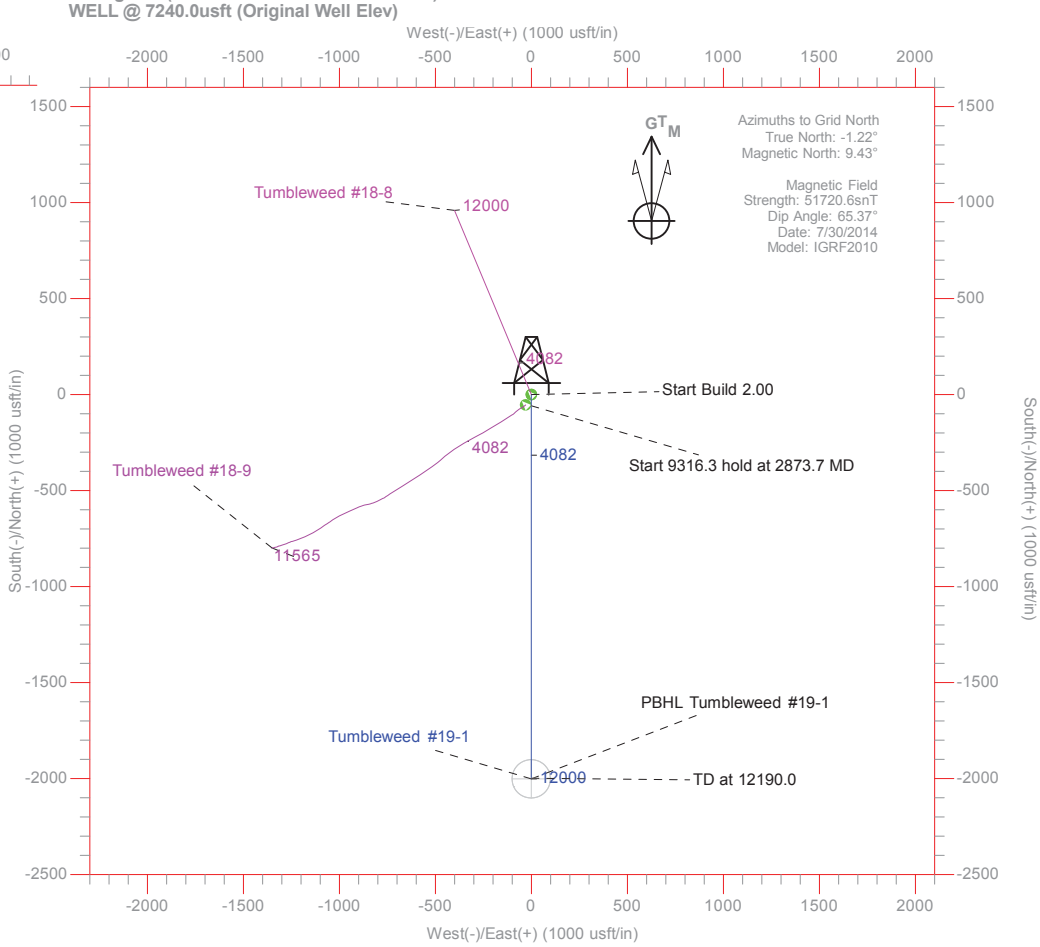
Shell Petroleum Inc.
Uintah Co., UT
Sec.18 - T15S - R21E
Tumbleweed #19-1
Wellbore #1
Plan: Design #1 (Tumbleweed #19-1/Wellbore #1)
WELL @ 7240.0usft (Original Well Elev)

gyrodata





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL Tumbleweed #19-1 - plan hits target center	12000.0	-2001.0	-0.5	432462.17	2535605.88

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DIeg	TFace	VSect	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
3	2901.0	12.02	180.01	2896.6	-62.8	0.0	2.00	180.01	62.8	
4	12208.4	12.02	180.01	12000.0	-2001.0	-0.5	0.00	0.00	2001.0	

PROJECT DETAILS: Uintah Co., UT

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302
North Reference: Grid
System Datum: Mean Sea Level
To convert a True Direction to a Grid Direction, Subtract 1.22°
To convert a Magnetic Direction to a True Direction, Add 10.65° East
To convert a Magnetic Direction to a Grid Direction, Add 9.43°

Notice: Section Lines and Hardlines are estimates only and are subject to customer approval

Gyrodata Inc.
Planning Report

Database:	Gyrodata NWDB	**Local Co-ordinate Reference:**	Well Tumbleweed #19-1
Company:	Stewart Petroleum Corp.	**TVD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Site:	Sec.18 - T15S - R21E	**North Reference:**	Grid
Well:	Tumbleweed #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project Uintah Co., UT

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Sec.18 - T15S - R21E

Site Position:		**Northing:**	434,409.96 usft	**Latitude:**	39° 30' 37.510 N
From:	Lat/Long	**Easting:**	2,535,576.96 usft	**Longitude:**	109° 36' 5.650 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.22 °

Well Tumbleweed #19-1

Well Position	**+N/-S**	53.2 usft	**Northing:**	434,463.20 usft	**Latitude:**	39° 30' 38.030 N
	+E/-W	29.4 usft	**Easting:**	2,535,606.40 usft	**Longitude:**	109° 36' 5.260 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	0.0 usft	**Ground Level:**	7,225.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/30/2014	10.65	65.37	51,721

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	180.01

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,901.0	12.02	180.01	2,896.6	-62.8	0.0	2.00	2.00	0.00	180.01	
12,208.4	12.02	180.01	12,000.0	-2,001.0	-0.5	0.00	0.00	0.00	0.00	PBHL Tumbleweed #'

RECEIVED: Jul. 21, 2016

Gyrodata Inc.

Planning Report

Database:	Gyrodata NWDB	**Local Co-ordinate Reference:**	Well Tumbleweed #19-1
Company:	Stewart Petroleum Corp.	**TVD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Site:	Sec.18 - T15S - R21E	**North Reference:**	Grid
Well:	Tumbleweed #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
2,400.0	2.00	180.01	2,400.0	-1.7	0.0	1.7	2.00	2.00	0.00
2,500.0	4.00	180.01	2,499.8	-7.0	0.0	7.0	2.00	2.00	0.00
2,600.0	6.00	180.01	2,599.5	-15.7	0.0	15.7	2.00	2.00	0.00
2,700.0	8.00	180.01	2,698.7	-27.9	0.0	27.9	2.00	2.00	0.00
2,800.0	10.00	180.01	2,797.5	-43.5	0.0	43.5	2.00	2.00	0.00
2,873.7	11.47	180.01	2,869.8	-57.2	0.0	57.2	2.00	2.00	0.00
Start 9316.3 hold at 2873.7 MD									
2,900.0	12.00	180.01	2,895.6	-62.6	0.0	62.6	2.00	2.00	0.00
2,901.0	12.02	180.01	2,896.6	-62.8	0.0	62.8	2.00	2.00	0.00
3,000.0	12.02	180.01	2,993.4	-83.4	0.0	83.4	0.00	0.00	0.00
3,100.0	12.02	180.01	3,091.2	-104.3	0.0	104.3	0.00	0.00	0.00
3,200.0	12.02	180.01	3,189.0	-125.1	0.0	125.1	0.00	0.00	0.00
3,300.0	12.02	180.01	3,286.9	-145.9	0.0	145.9	0.00	0.00	0.00
3,400.0	12.02	180.01	3,384.7	-166.7	0.0	166.7	0.00	0.00	0.00
3,500.0	12.02	180.01	3,482.5	-187.5	0.0	187.5	0.00	0.00	0.00
3,600.0	12.02	180.01	3,580.3	-208.4	-0.1	208.4	0.00	0.00	0.00
3,700.0	12.02	180.01	3,678.1	-229.2	-0.1	229.2	0.00	0.00	0.00
3,800.0	12.02	180.01	3,775.9	-250.0	-0.1	250.0	0.00	0.00	0.00
3,900.0	12.02	180.01	3,873.7	-270.8	-0.1	270.8	0.00	0.00	0.00
4,000.0	12.02	180.01	3,971.5	-291.7	-0.1	291.7	0.00	0.00	0.00
4,100.0	12.02	180.01	4,069.3	-312.5	-0.1	312.5	0.00	0.00	0.00
4,200.0	12.02	180.01	4,167.1	-333.3	-0.1	333.3	0.00	0.00	0.00
4,300.0	12.02	180.01	4,264.9	-354.1	-0.1	354.1	0.00	0.00	0.00
4,400.0	12.02	180.01	4,362.7	-375.0	-0.1	375.0	0.00	0.00	0.00
4,500.0	12.02	180.01	4,460.5	-395.8	-0.1	395.8	0.00	0.00	0.00
4,600.0	12.02	180.01	4,558.4	-416.6	-0.1	416.6	0.00	0.00	0.00
4,700.0	12.02	180.01	4,656.2	-437.4	-0.1	437.4	0.00	0.00	0.00

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Gyrodata Inc.
Planning Report

Database:	Gyrodata NWDB	**Local Co-ordinate Reference:**	Well Tumbleweed #19-1
Company:	Stewart Petroleum Corp.	**TVD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Site:	Sec.18 - T15S - R21E	**North Reference:**	Grid
Well:	Tumbleweed #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.0	12.02	180.01	4,754.0	-458.3	-0.1	458.3	0.00	0.00	0.00
4,900.0	12.02	180.01	4,851.8	-479.1	-0.1	479.1	0.00	0.00	0.00
5,000.0	12.02	180.01	4,949.6	-499.9	-0.1	499.9	0.00	0.00	0.00
5,100.0	12.02	180.01	5,047.4	-520.7	-0.1	520.7	0.00	0.00	0.00
5,200.0	12.02	180.01	5,145.2	-541.6	-0.1	541.6	0.00	0.00	0.00
5,300.0	12.02	180.01	5,243.0	-562.4	-0.1	562.4	0.00	0.00	0.00
5,400.0	12.02	180.01	5,340.8	-583.2	-0.2	583.2	0.00	0.00	0.00
5,500.0	12.02	180.01	5,438.6	-604.0	-0.2	604.0	0.00	0.00	0.00
5,600.0	12.02	180.01	5,536.4	-624.9	-0.2	624.9	0.00	0.00	0.00
5,700.0	12.02	180.01	5,634.2	-645.7	-0.2	645.7	0.00	0.00	0.00
5,800.0	12.02	180.01	5,732.0	-666.5	-0.2	666.5	0.00	0.00	0.00
5,900.0	12.02	180.01	5,829.9	-687.3	-0.2	687.3	0.00	0.00	0.00
6,000.0	12.02	180.01	5,927.7	-708.2	-0.2	708.2	0.00	0.00	0.00
6,100.0	12.02	180.01	6,025.5	-729.0	-0.2	729.0	0.00	0.00	0.00
6,200.0	12.02	180.01	6,123.3	-749.8	-0.2	749.8	0.00	0.00	0.00
6,300.0	12.02	180.01	6,221.1	-770.6	-0.2	770.6	0.00	0.00	0.00
6,400.0	12.02	180.01	6,318.9	-791.5	-0.2	791.5	0.00	0.00	0.00
6,500.0	12.02	180.01	6,416.7	-812.3	-0.2	812.3	0.00	0.00	0.00
6,600.0	12.02	180.01	6,514.5	-833.1	-0.2	833.1	0.00	0.00	0.00
6,700.0	12.02	180.01	6,612.3	-853.9	-0.2	853.9	0.00	0.00	0.00
6,800.0	12.02	180.01	6,710.1	-874.8	-0.2	874.8	0.00	0.00	0.00
6,900.0	12.02	180.01	6,807.9	-895.6	-0.2	895.6	0.00	0.00	0.00
7,000.0	12.02	180.01	6,905.7	-916.4	-0.2	916.4	0.00	0.00	0.00
7,100.0	12.02	180.01	7,003.5	-937.2	-0.2	937.2	0.00	0.00	0.00
7,200.0	12.02	180.01	7,101.4	-958.1	-0.3	958.1	0.00	0.00	0.00
7,300.0	12.02	180.01	7,199.2	-978.9	-0.3	978.9	0.00	0.00	0.00
7,400.0	12.02	180.01	7,297.0	-999.7	-0.3	999.7	0.00	0.00	0.00
7,500.0	12.02	180.01	7,394.8	-1,020.5	-0.3	1,020.5	0.00	0.00	0.00
7,600.0	12.02	180.01	7,492.6	-1,041.4	-0.3	1,041.4	0.00	0.00	0.00
7,700.0	12.02	180.01	7,590.4	-1,062.2	-0.3	1,062.2	0.00	0.00	0.00
7,800.0	12.02	180.01	7,688.2	-1,083.0	-0.3	1,083.0	0.00	0.00	0.00
7,900.0	12.02	180.01	7,786.0	-1,103.8	-0.3	1,103.8	0.00	0.00	0.00
8,000.0	12.02	180.01	7,883.8	-1,124.6	-0.3	1,124.6	0.00	0.00	0.00
8,100.0	12.02	180.01	7,981.6	-1,145.5	-0.3	1,145.5	0.00	0.00	0.00
8,200.0	12.02	180.01	8,079.4	-1,166.3	-0.3	1,166.3	0.00	0.00	0.00
8,300.0	12.02	180.01	8,177.2	-1,187.1	-0.3	1,187.1	0.00	0.00	0.00
8,400.0	12.02	180.01	8,275.0	-1,207.9	-0.3	1,207.9	0.00	0.00	0.00
8,500.0	12.02	180.01	8,372.9	-1,228.8	-0.3	1,228.8	0.00	0.00	0.00
8,600.0	12.02	180.01	8,470.7	-1,249.6	-0.3	1,249.6	0.00	0.00	0.00
8,700.0	12.02	180.01	8,568.5	-1,270.4	-0.3	1,270.4	0.00	0.00	0.00
8,800.0	12.02	180.01	8,666.3	-1,291.2	-0.3	1,291.2	0.00	0.00	0.00
8,900.0	12.02	180.01	8,764.1	-1,312.1	-0.3	1,312.1	0.00	0.00	0.00
9,000.0	12.02	180.01	8,861.9	-1,332.9	-0.3	1,332.9	0.00	0.00	0.00
9,100.0	12.02	180.01	8,959.7	-1,353.7	-0.4	1,353.7	0.00	0.00	0.00
9,200.0	12.02	180.01	9,057.5	-1,374.5	-0.4	1,374.5	0.00	0.00	0.00
9,300.0	12.02	180.01	9,155.3	-1,395.4	-0.4	1,395.4	0.00	0.00	0.00
9,400.0	12.02	180.01	9,253.1	-1,416.2	-0.4	1,416.2	0.00	0.00	0.00
9,500.0	12.02	180.01	9,350.9	-1,437.0	-0.4	1,437.0	0.00	0.00	0.00
9,600.0	12.02	180.01	9,448.7	-1,457.8	-0.4	1,457.8	0.00	0.00	0.00
9,700.0	12.02	180.01	9,546.5	-1,478.7	-0.4	1,478.7	0.00	0.00	0.00
9,800.0	12.02	180.01	9,644.4	-1,499.5	-0.4	1,499.5	0.00	0.00	0.00
9,900.0	12.02	180.01	9,742.2	-1,520.3	-0.4	1,520.3	0.00	0.00	0.00
9,979.6	12.02	180.01	9,820.0	-1,536.9	-0.4	1,536.9	0.00	0.00	0.00
Dakota Silt									

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Gyrodata Inc.

Planning Report

Database:	Gyrodata NWDB	**Local Co-ordinate Reference:**	Well Tumbleweed #19-1
Company:	Stewart Petroleum Corp.	**TVD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Site:	Sec.18 - T15S - R21E	**North Reference:**	Grid
Well:	Tumbleweed #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,000.0	12.02	180.01	9,840.0	-1,541.1	-0.4	1,541.1	0.00	0.00	0.00
10,100.0	12.02	180.01	9,937.8	-1,562.0	-0.4	1,562.0	0.00	0.00	0.00
10,200.0	12.02	180.01	10,035.6	-1,582.8	-0.4	1,582.8	0.00	0.00	0.00
10,300.0	12.02	180.01	10,133.4	-1,603.6	-0.4	1,603.6	0.00	0.00	0.00
10,400.0	12.02	180.01	10,231.2	-1,624.4	-0.4	1,624.4	0.00	0.00	0.00
10,500.0	12.02	180.01	10,329.0	-1,645.3	-0.4	1,645.3	0.00	0.00	0.00
10,600.0	12.02	180.01	10,426.8	-1,666.1	-0.4	1,666.1	0.00	0.00	0.00
10,700.0	12.02	180.01	10,524.6	-1,686.9	-0.4	1,686.9	0.00	0.00	0.00
10,800.0	12.02	180.01	10,622.4	-1,707.7	-0.4	1,707.7	0.00	0.00	0.00
10,900.0	12.02	180.01	10,720.2	-1,728.6	-0.5	1,728.6	0.00	0.00	0.00
11,000.0	12.02	180.01	10,818.0	-1,749.4	-0.5	1,749.4	0.00	0.00	0.00
11,034.7	12.02	180.01	10,852.0	-1,756.6	-0.5	1,756.6	0.00	0.00	0.00
Entrada									
11,100.0	12.02	180.01	10,915.9	-1,770.2	-0.5	1,770.2	0.00	0.00	0.00
11,200.0	12.02	180.01	11,013.7	-1,791.0	-0.5	1,791.0	0.00	0.00	0.00
11,300.0	12.02	180.01	11,111.5	-1,811.9	-0.5	1,811.9	0.00	0.00	0.00
11,400.0	12.02	180.01	11,209.3	-1,832.7	-0.5	1,832.7	0.00	0.00	0.00
11,500.0	12.02	180.01	11,307.1	-1,853.5	-0.5	1,853.5	0.00	0.00	0.00
11,507.1	12.02	180.01	11,314.0	-1,855.0	-0.5	1,855.0	0.00	0.00	0.00
Wingate									
11,600.0	12.02	180.01	11,404.9	-1,874.3	-0.5	1,874.3	0.00	0.00	0.00
11,700.0	12.02	180.01	11,502.7	-1,895.2	-0.5	1,895.2	0.00	0.00	0.00
11,800.0	12.02	180.01	11,600.5	-1,916.0	-0.5	1,916.0	0.00	0.00	0.00
11,900.0	12.02	180.01	11,698.3	-1,936.8	-0.5	1,936.8	0.00	0.00	0.00
12,000.0	12.02	180.01	11,796.1	-1,957.6	-0.5	1,957.6	0.00	0.00	0.00
12,100.0	12.02	180.01	11,893.9	-1,978.5	-0.5	1,978.5	0.00	0.00	0.00
12,190.0	12.02	180.01	11,981.9	-1,997.2	-0.5	1,997.2	0.00	0.00	0.00
TD at 12190.0									
12,200.0	12.02	180.01	11,991.7	-1,999.3	-0.5	1,999.3	0.00	0.00	0.00
12,208.4	12.02	180.01	12,000.0	-2,001.0	-0.5	2,001.0	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL Tumbleweed #19- - plan hits target center - Circle (radius 100.0)	0.00	0.00	12,000.0	-2,001.0	-0.5	432,462.17	2,535,605.88	39° 30' 18.256 N	109° 36' 5.809 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,200.0	2,200.0	9 5/8"	9-5/8	12-1/4

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Gyrodata Inc.
Planning Report

Database:	Gyrodata NWDB	**Local Co-ordinate Reference:**	Well Tumbleweed #19-1
Company:	Stewart Petroleum Corp.	**TVD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Project:	Uintah Co., UT	**MD Reference:**	WELL @ 7240.0usft (Original Well Elev)
Site:	Sec.18 - T15S - R21E	**North Reference:**	Grid
Well:	Tumbleweed #19-1	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,979.6	9,820.0	Dakota Silt		0.00	
11,034.7	10,852.0	Entrada		0.00	
11,507.1	11,314.0	Wingate		0.00	

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,300.0	2,300.0	0.0	0.0	Start Build 2.00
2,873.7	2,869.8	-57.2	0.0	Start 9316.3 hold at 2873.7 MD
12,190.0	11,981.9	-1,997.2	-0.5	TD at 12190.0

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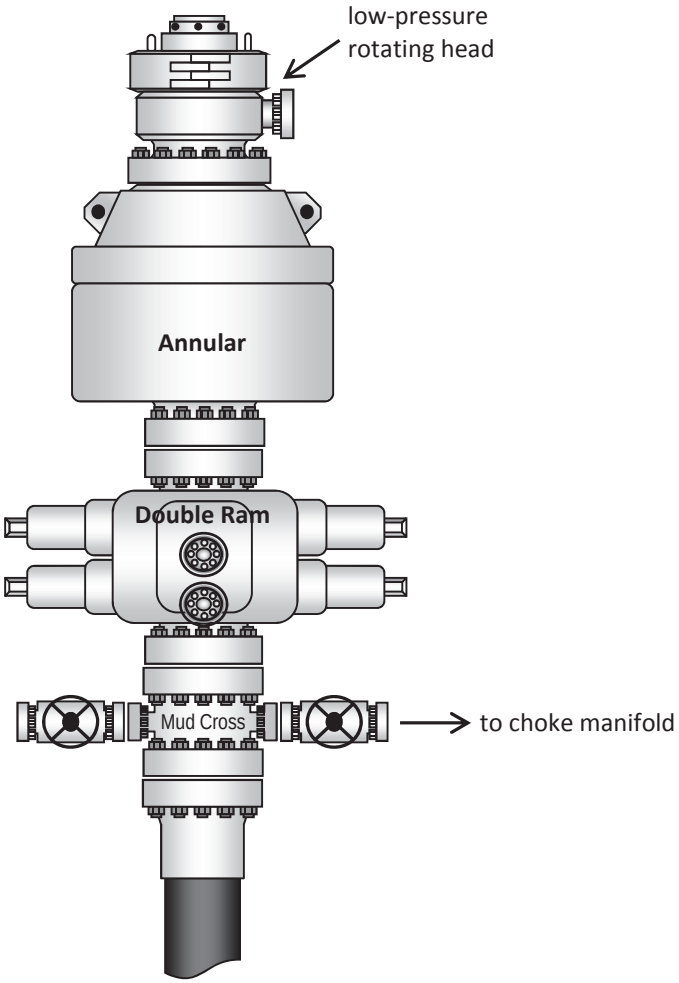
Typical 5M BOP stack configuration



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Star Point Enterprises, Inc.

2580 Creekview Road
Moab, Utah 84532
435/650-3866

July 18, 2016

Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Stewart Petroleum Corporation – **Tumbleweed 19-1**
Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M
Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M
Uintah County, Utah

Dear Diana:

Stewart Petroleum Corporation respectfully submits this request for exception to spacing (R649-3-11) based on topography since the well bore path is located less than 460 feet to the drilling unit boundary. Stewart Petroleum Corporation is the only owner and operator within 460' of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 435-719-2018 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Stewart Petroleum Corporation

cc: Daryl R. Stewart, Stewart Petroleum Corporation

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