

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 Mineral Canyon 6-1	
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT	
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME	
6. NAME OF OPERATOR FIDELITY E&P COMPANY						7. OPERATOR PHONE 303 893-3133	
8. ADDRESS OF OPERATOR 2585 Heartland Drive, Sheridan, WY, 82801						9. OPERATOR E-MAIL marv.rygh@fidelityepco.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UT-U78031			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
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 <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	519 FSL 2021 FWL	SESW	6	26.0 S	19.0 E	S	
Top of Uppermost Producing Zone	519 FSL 2021 FWL	SESW	6	26.0 S	19.0 E	S	
At Total Depth	519 FSL 2021 FWL	SESW	6	26.0 S	19.0 E	S	
21. COUNTY GRAND			22. DISTANCE TO NEAREST LEASE LINE (Feet) 519			23. NUMBER OF ACRES IN DRILLING UNIT 2068	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 7350 TVD: 7350	
27. ELEVATION - GROUND LEVEL 5508			28. BOND NUMBER CO1395			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Moab City	
ATTACHMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES							
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Stephanie Masters			TITLE Operations Tech			PHONE 307 675-4924	
SIGNATURE			DATE 11/25/2008			EMAIL Stephanie.Masters@fidelityepco.com	
API NUMBER ASSIGNED 43019500010000			APPROVAL  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	26	20	0	80		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	80	94.0			
	Grade N-80 LT&C	3929	40.0			
	Grade HCP-110 LT&C	3929	29.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	80			
		Cement Description	Class	Sacks	Yield	Weight
			Class G Cement	102	1.17	15.0
	Cement Interval	Top (MD)	Bottom (MD)			
		0	1500			
		Cement Description	Class	Sacks	Yield	Weight
			Premium Lite High Strength	90	3.48	11.0
			Class G Cement	116	1.8	13.5
			Premium Lite High Strength	220	3.48	11.0
			Class G Cement	38	1.8	13.5
	Cement Interval	Top (MD)	Bottom (MD)			
		0	3929			
		Cement Description	Class	Sacks	Yield	Weight
			Class G Cement	122	1.28	15.5
	Cement Interval	Top (MD)	Bottom (MD)			
		0	7350			
		Cement Description	Class	Sacks	Yield	Weight
			Class G Cement	781	1.2	15.8

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	17.5	13.37	0	1500		
Pipe	Grade	Length	Weight			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
I1	12.25	9.62	0	3929		
Pipe	Grade	Length	Weight			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	8.5	7	0	7350		
Pipe	Grade	Length	Weight			

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DRILLING PROGRAM

Operator: Fidelity Exploration & Production Company

Well: Mineral Canyon 6-1 Lease No. UT U78031

Surface: SE/4 SW/4, 519' FSL & 2021' FWL Sec. 6, T26S, R19E, S.L.B. & M.

Bottom Hole: vertical wellbore with natural drift of the area

Grand County, Utah

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. 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.

Approval of this application 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.

1. FORMATION TOPS:

The estimated tops of important geologic markers are as follows:

Surface Elevation: 5508.0' above sea level- ungraded

Formation	Depth (TVD)	Depth (MD)	Subsea
Top Cane Creek	7124	7124	-1588
Base Cane Creek	7216	7216	-1680

On attached Formation Top Sheet are estimated geological tops of all major horizons. See attached sheet – Geological Tops in well prognosis attachments.

2. ESTIMATED DEPTH OF WATER, OIL, GAS & OTHER MINERAL BEARING FORMATIONS:

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth TVD
Oil	Top of Cane Creek	7124

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Oil	B.Cane Creek	7216
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All shows of fresh water and minerals will be reported and protected.

3. **BOP EQUIPMENT:**

Fidelity Exploration & Production Co. minimum specifications for pressure control equipment are as follows:

Please see the two (2) Blowout Prevention Equipment Diagrams to be used within this program for this well plan. First diagram labeled Figure 24 – Typical Mud/Air Drilling BOPE system from Surface down to Intermediate casing point at 3929' depth. Then the stack will be converted to 10,000# W.P. Triple Ram type preventer has shown in Figure 27-1 from intermediate casing point down to total depth.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug of to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed
- b. whenever any seal subject
- c. following related repairs
- d. at 30-day intervals

Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned.

Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.

NOTIFY THE BLM-Moab Field Office - PETROLEUM ENGINEER Eric Jones (O) 435-259-2117 (H) 435-259-2214 or email: Eric_Jones@blm.gov AT LEAST 24 HOURS IN ADVANCE OF PRESSURE TESTS.

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Valves shall be tested from working pressure side during BOP tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The choke manifold, BOP extension rods and hand wheels will be located outside the substructure. The hydraulic BOP closing unit will be located at least 100 ft from the well head, with the remote control unit on the rig floor. The casing head and BOP will be flanged 13-3/8" 10000 psi w.p.. Kill line will be 3" i.d. with burst pressure rating of at least 10000 psi. The se items will be pressure tested concurrently with BOP's. The BOP will be tested when the stack is first installed on the well. It will also be tested at each casing shoe and at least every 30 days. BOP and choke manifold sizes will be in accordance with API-RP-53 as per the attached. See attached schematic of choke manifold.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. CASING AND CEMENTING PROGRAM:

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling

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operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).
- d. Casing collars shall have a minimum clearance of 0.422 inches on all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- g. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable pre-flush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- h. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- i. The proposed casing program will be as follows:

Purpose	Depth	Hole Size	O.D.	Weight	Grade	Type	New/Used
Surface	0-1500	17-1/2"	13-3/8"	54.5#	J-55	ST&C	New
Intermediate	0-3929'	12-1/4"	9-5/8"	40	N-80	LT&C	New
Production	0-7350'	8-1/2"	7"	29-35	P110	LT&C	New

- j. Casing Design Subject to revision based on geologic conditions encountered.

- k. The cement program will be as follows:

Surface Casing: 13-3/8" casing will be set at 1500 feet and Cemented back to surface with a 2 stage cement job with DV tool at 750'. 1st. Stage cement thru shoe with lead cement slurry of 90 sacks Premium Lite cement with additives (Yield 3.48 cf/sack, wt 11 #/gal), then followed with a tail slurry of 116 sacks Class G cement with additives (Yield 1.8 cf/sack, wt. 13.5 ppg). 2nd Stage cement. thru DV tool at 750' with a lead cement slurry of 130 sx. Premium Lite cement. w/

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additives (Yield 3.48 cf/sx., wt . 11 #/gal) then followed with a tail of 38 sx. Pre m. cement. w/ additives (Yield 1.8 cf/sx., wt 13.5 ppg), then a top out slurry if any fall back with 100 sacks Class G cement + 2 % bwoc Calcium Chloride + 44.4 % Fresh Water(Yield 1.17 cf/sack, wt. 15.4 ppg).

Intermediate Casing: 9-5/8" casing will be set at 3929 feet and Cemented back to 3400' with a cement slurry of 122 sacks Premium G Cement with additives (Yield 1.28 cf/sack, wt 15.5 #/gal).

Production Casing: 7" casing @ «7350 ftMD» Cemented back to 3700 ft. with a cement slurry of 781 sacks Premium G Cement with additives (Yield 1.2 cf/sack, wt 15.8 #/gal).

Note: Actual volumes to be calculated from caliper log. All cement slurries will meet or exceed minimum BLM and Utah Oil & Gas Div. requirements. Slurries used will be the slurries listed above, or equivalent slurries depending on service provider selected. Cement yield may change depending on slurries selected, but cement volume in cubic feet will be based on the above excess numbers.

- l. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- m. The following reports shall be filed with the Area manager within 30 days after the work is completed.
 - a. Progress reports, Form 3160-5 "Sundry notices and Reports on Wells", must include complete information concerning:
 - i. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- n. Auxiliary equipment to be used is as follows:
 - a. Kelly cock.
 - b. No bit float is deemed necessary.
 - c. A sub with a full opening valve.

5. **MUD PROGRAM:**

a. The proposed circulating mediums to be employed in drilling are as follows:

Mud Type: Water / NewGel / NewPHPA Sweeps:

Hole Size (in)	TVD (ft)	Mud Wt. (ppg)	Visc. (cp)	Yield Point (lb/100ft ²)	API Fluid Loss (ml/30min)	Type of Mud
17-1/2"	0-740'	8.3 - 9.2 ppg	70-45	10-12	20-15	Air

NewGel / NewPHPA:

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Hole Size (in)	TVD (ft)	Mud Wt.	Visc.	Yield Point (lb/100ft ²)	API Fluid Loss (ml/30min)	Air Injected 3000 to 4000 SCFM	Type of Mud system
12-1/4"	740 -3929'	8.3-8.6	100-45	18-8	NC		Air-Mist Mud
8-1/2"	3929-7350	10 – 14.5	100-45	18-8	6-8		Oil base Mud

There will be sufficient mud on location to control a blowout should one occur.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

- b. Mud monitoring equipment to be used is as follows:
 - 1. periodic visual monitoring of the mud system will be done to determine volume changes.
- c. The concentration of hazardous substances in the reserve pit at the time of pit backfilling must not exceed the standards set forth in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA).
- d. All oil and gas drilling related CERCLA hazardous wastes /substances removed from a location and not reused at another drilling location must be disposed of at an EPA approved hazardous waste facility.

6. TESTING, LOGGING & CORING:

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated.
- b. The first logging program will consist of a GR-SP-DIL-SFL-ML and a GR/Caliper/CNL/FDC and GR/BHC-Sonic from 3929' to Surface Casing Shoe MD.
- c. The second logging program will consist of a GR/SP-DIL/SFL/ML, GR/Cali/FDC/CNL from the TD to the intermediate casing shoe (3929' EST.).
- d. No coring is anticipated.
- e. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analysis, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

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7. **ABNORMAL PRESSURES AND HYDROGEN SULFIDE:**

- a. The expected bottom hole pressure is +/-5500 psi based on a 14.5 ppg at 7350' TVD. No abnormal pressures or temperatures are anticipated.
- b. No hydrogen sulfide gas is anticipated, however, if H₂S is encountered the guidelines in Onshore Order No. 6 will be complied with.

8. **OTHER INFORMATION AND NOTIFICATION REQUIREMENTS:**

- a. Drilling is planned to commence on , **January 15, 2009**. It is anticipated that completion operations will begin within 30- 40 days after the well has been drilled pending on frac treatment schedule with various pump service companies.
- b. It is anticipated that the drilling of this well will take **approximately 55 days**.
- c. The proposed completion program is as follows:
Cane Creek zones with porosity and permeability will be selectively perforated. These zones will be selectively acidized and then fractured stimulated.. The wells will be produced up 2-7 /8" tubing utilizing artificial lift.
- d. The following shall be entered on the driller's log:
 1. Blowout preventer pressure tests, including test pressures and results;
 2. Blowout preventer tests for proper functioning;
 3. Blowout prevention drills conducted;
 4. Casing run, including size, grade, weight, and depth set;
 5. How the well bore was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
 6. Waiting on cement time for each casing string;
 7. Casing pressure tests after cementing, including test pressures and results.
- e. Section 102(b)(3) of the Federal Oil and gas Royalty management Act of 1982, as implemented by the applicable provision of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on the lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Forms 3160-5 or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."
- f. **Notification Requirements:**
 1. **The BLM(Moab Field Office) in Moab, Utah PETROLEUM ENGINEER Eric Jones (O) 435-259-2117 (H) 435-259-2214 or email: Eric_Jones@blm.gov will be notified verbally and by email, not more than 48 hours after the well is spudded, or on the next regular work day.**

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2. The Field Office Engineer will be notified at least 24 hours in advance of BOP pressure tests.
3. The BLM will be notified verbally at least 48 hours prior to running/cementing surface casing.
4. No location will be constructed or moved, no well will be plugged and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM-Moab Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM-Moab Field Office must be obtained and notification given before resumption of operations.
5. In the event abandonment of a drilling well is desired, an oral request may be granted by the Field Office Petroleum Engineer, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (form 3160-5).
6. Unless the plugging is to take place immediately upon receipt of oral approval, the Field office Petroleum Engineer must be notified at least 48 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 3160-5) must be submitted within 30 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 3160-5 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

The following standards apply to the abandonment of newly drilled dry or non-productive wells in accordance with 43 CFR 3162.3-4. Approval shall be obtained prior to the commencement of abandonment. All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected. Approval may be given orally by the authorized officer before abandonment operations are initiated. This oral request and approval shall be followed by a written notice of intent to abandon filed not later than the fifth business day following oral approval. Failure to obtain approval prior to commencement of abandonment operations shall result in immediate assessment under 43 CFR 3153.1(b)(3). The hole shall be in static condition at the time any plugs are placed (this does not pertain to plugging lost circulation zones). Within 30 days of completion of abandonment, a subsequent report of abandonment shall be filed.

7. **The spud date will be reported orally and by email notification to the Moab Field Office within 48 hours after spudding.** If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

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8. Periodic drilling progress reports must be filed directly with the BLM-Moab Field Office on a periodic basis and for form or method as may be acceptable to the petroleum Engineer.
9. In accordance with NTL-1, this well must be reported on the "Monthly report of Operations" (form 3160-6) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate, directly with the Minerals management Service (MMS).
- g. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned, shall be identified in accordance with CFR 43, 3162.2. There shall be a sign or marker with the name of the operator, lease serial number, well number and surveyed description of the well. Any changes in operation must have prior approval from the BLM-Moab Field Office-Petroleum engineer.
- h. Any change in the program must be approved by the BLM-Moab Field Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans and other operations in accordance with CFR 43, 3162.2. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of suitable plan pursuant to Onshore Oil & Gas Order No 1 of CFR 43, 3164.1 and prior approval by the BLM-Moab Field Office.
- i. If a replacement rig is contemplated for completion operations, a "Sundry Notice" (form 3160-5) to that effect must be filed for prior approval of the BLM-Moab Field Office and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- j. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with CFR 43, 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during drilling, workover, and/or completion operations, will be filed on form 3160-4. Samples (cuttings, fluid and/or gas) will be submitted only when requested by the BLM-Moab Field Office.
- k. All off-lease storage, off-lease measurement, commingling on-lease or off-lease will have prior written approval from BLM-Moab Field Office.
- l. The oil and gas measurement facilities will be installed on the well location. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineer will be provided with a date of the meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM-Moab Field Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- m. Automatic facilities diagram as required by CFR 43, Part 31262.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the BLM-Moab Field Office

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within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 and CFR 43, Part 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 3162.7-4.

- n. This APD is subject to the requirement that, should the well be successfully completed for production, the BLM-Moab Field Office must be notified when it is placed in a producing status. Such notification will be by e-mail or written communication and must be received in this office by no 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:
 - 1. Operator name, address, and telephone number.
 - 2. Well name and number.
 - 3. Well location (¼, ¼, Sec., Twn., Range and PM)
 - 4. Date well was placed in a producing status (date of first production for which royalty will be paid)
 - 5. 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).
 - 6. 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.
 - 7. As appropriate, the unit agreement name, number and participating area name.
 - 8. As appropriate, the communitization agreement number.

- o. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL4A) and my need prior approval from the Field Office Petroleum Engineer.

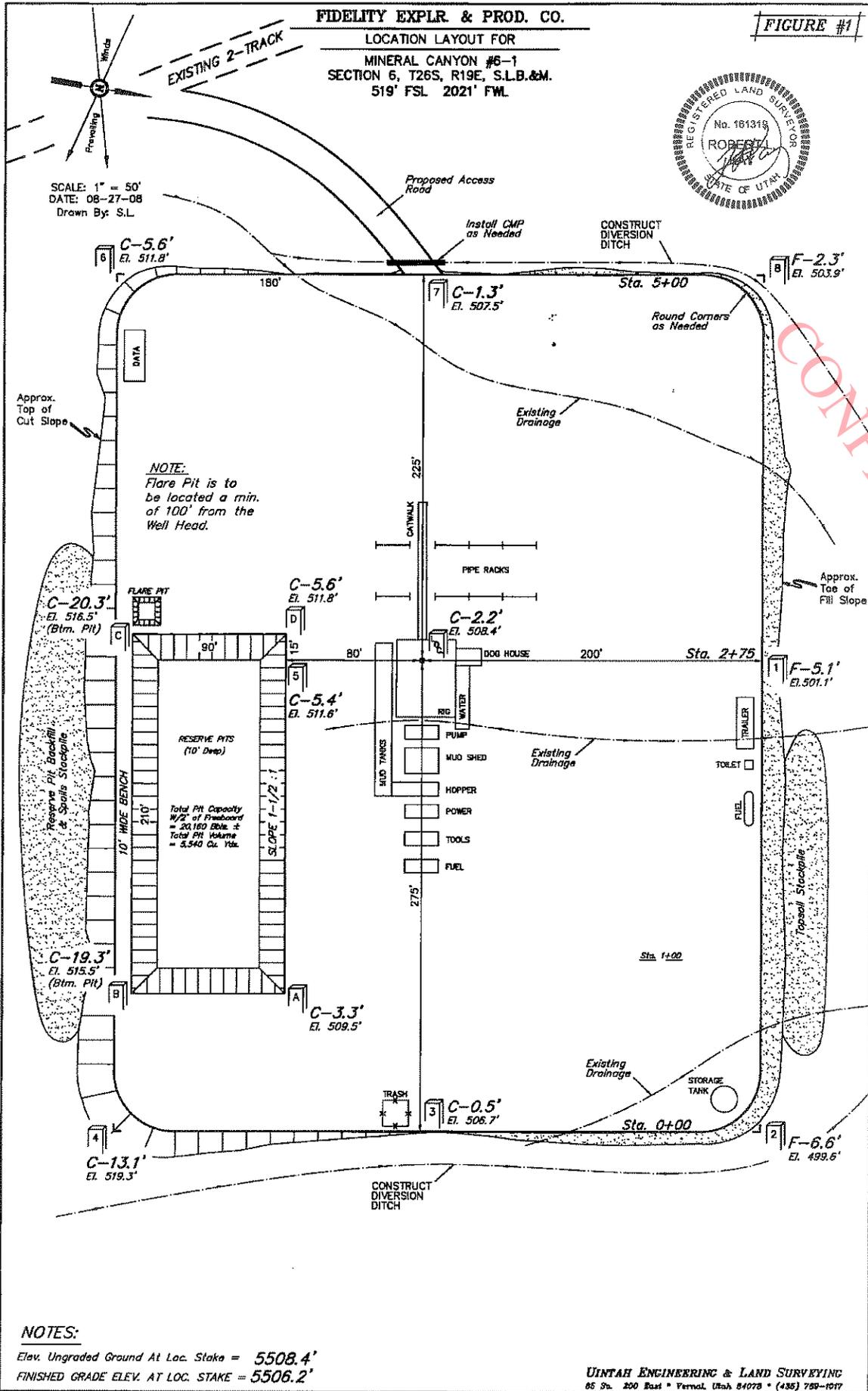
- p. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in Notice to Lessee (NTL-3A) will be reported to the BLM-Moab Field Office. Major events will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the monthly Report of Operations and Production (Form 3160-6).

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING PERSON: DRILLING OPERATIONS
Harvey Dunham Eric
Southern Rockies Asset Team Manager
Fidelity Exploration & Production Co.
1700 Lincoln Street Suite 2800
Denver, CO 80203

NG OPERATIONS
Kolstad
Vice President Western Operation
New Tech Engineering
410 17th Street
Suite 770
Denver, CO. 80202

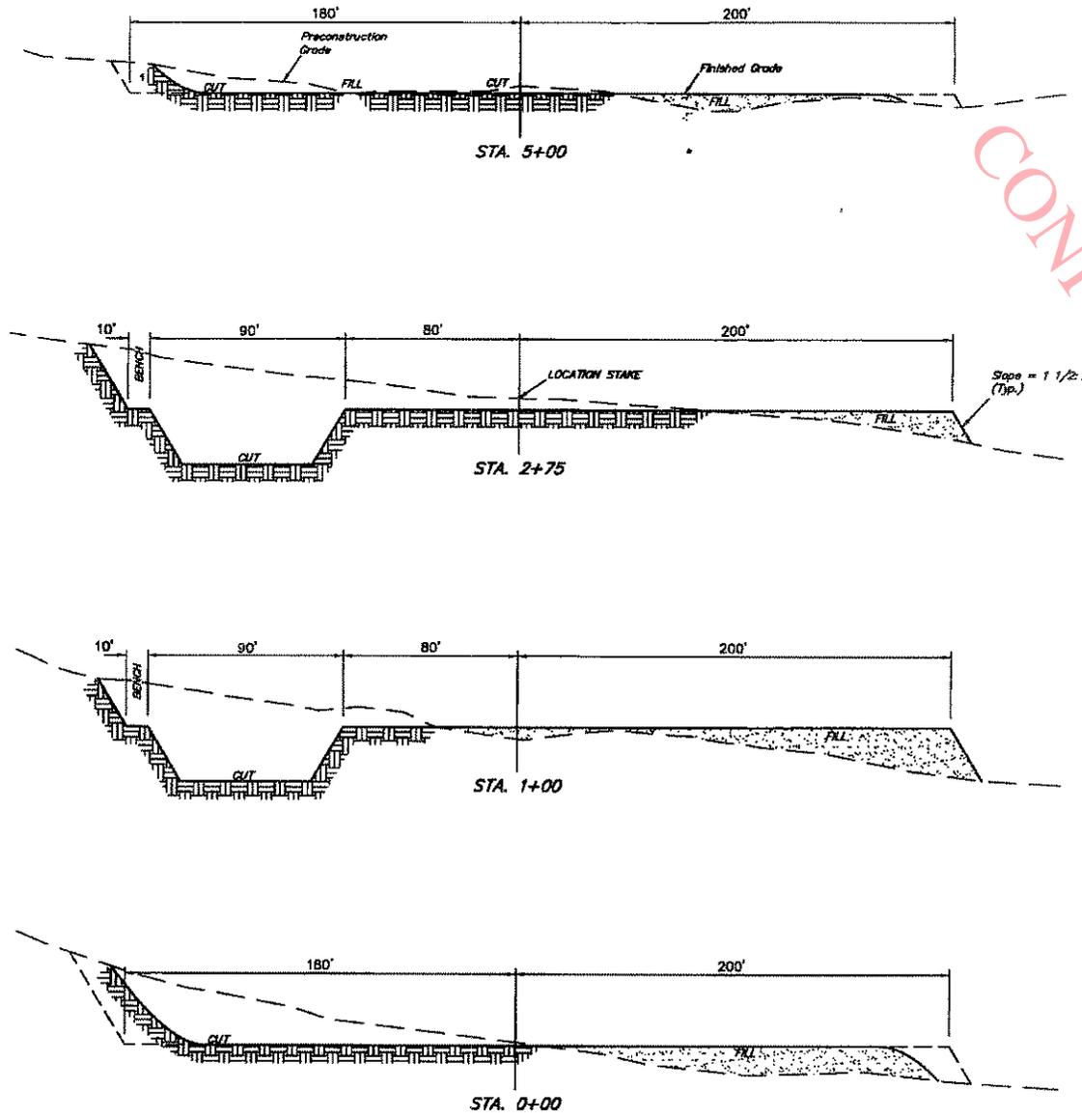
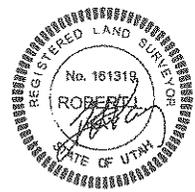
CONFIDENTIAL



FIDELITY EXPLR. & PROD. CO.
 TYPICAL CROSS SECTIONS FOR
 MINERAL CANYON #6-1
 SECTION 6, T26S, R19E, S.L.B.&M.
 519' FSL 2021' FWL

FIGURE #2

X-Section Scale
 1" = 20'
 1" = 50'
 DATE: 08-27-08
 Drawn By: S.L.



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

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 3,900 Cu. Yds.
Remaining Location	= 19,000 Cu. Yds.
TOTAL CUT	= 22,900 CU.YDS.
FILL	= 16,230 CU.YDS.

EXCESS MATERIAL	= 6,670 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,670 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 800 East • Ferris, Utah 84078 • (435) 788-1017

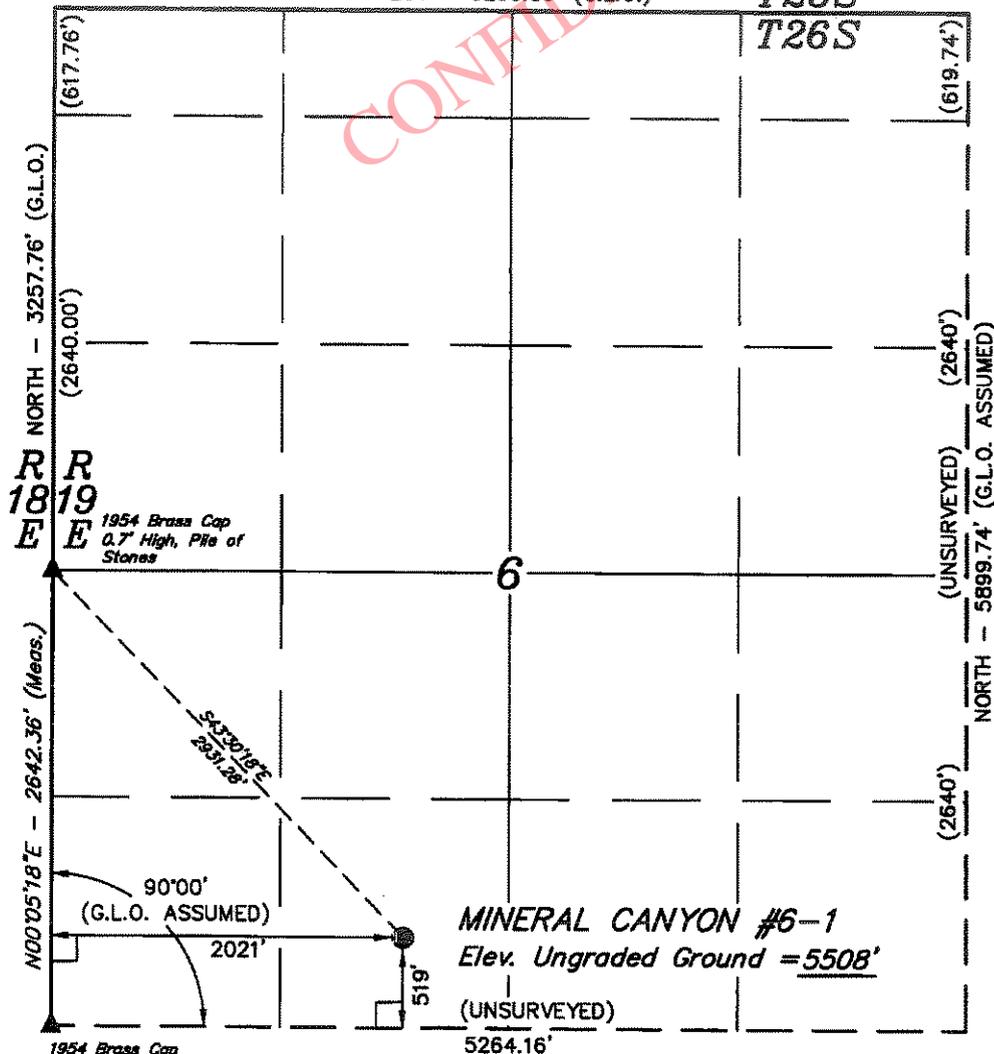
CONFIDENTIAL

T26S, R19E, S.L.B.&M.

WEST - 5260.86' (G.L.O.)

T25S

T26S



R18
R19
E E
1954 Brass Cap
0.7' High, Pile of
Stones

N00°05'18\"/>

1954 Brass Cap
0.4' High, Pile of
Stones

MINERAL CANYON #6-1
Elev. Ungraded Ground = 5508'

(UNSURVEYED)
5264.16'

LEGEND:

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

(NAD 83)
 LATITUDE = 38°33'52.44" (38.564567)
 LONGITUDE = 109°52'03.48" (109.867633)
 (NAD 27)
 LATITUDE = 38°33'52.51" (38.564586)
 LONGITUDE = 109°52'01.04" (109.866956)

FIDELITY EXPLR. & PROD. CO.

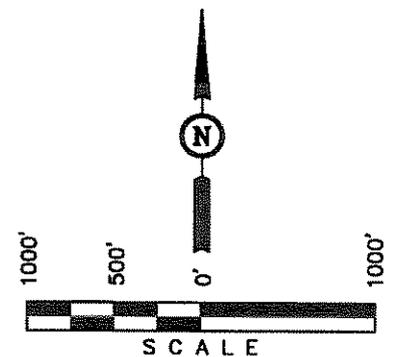
Well location, MINERAL CANYON #6-1, located as shown in the SE 1/4 SW 1/4 of Section 6, T26S, R19E, S.L.B.&M., Grand County, Utah.

BASIS OF ELEVATION

PLATEAU AZIMUTH TRIANGULATION STATION LOCATED IN THE SW 1/4 SE 1/4 CORNER OF SECTION 17, T26S, R20E, S.L.B.&M. TAKEN FROM THE GOLD BAR CANYON QUADRANGLE, UTAH, GRAND COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6114 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

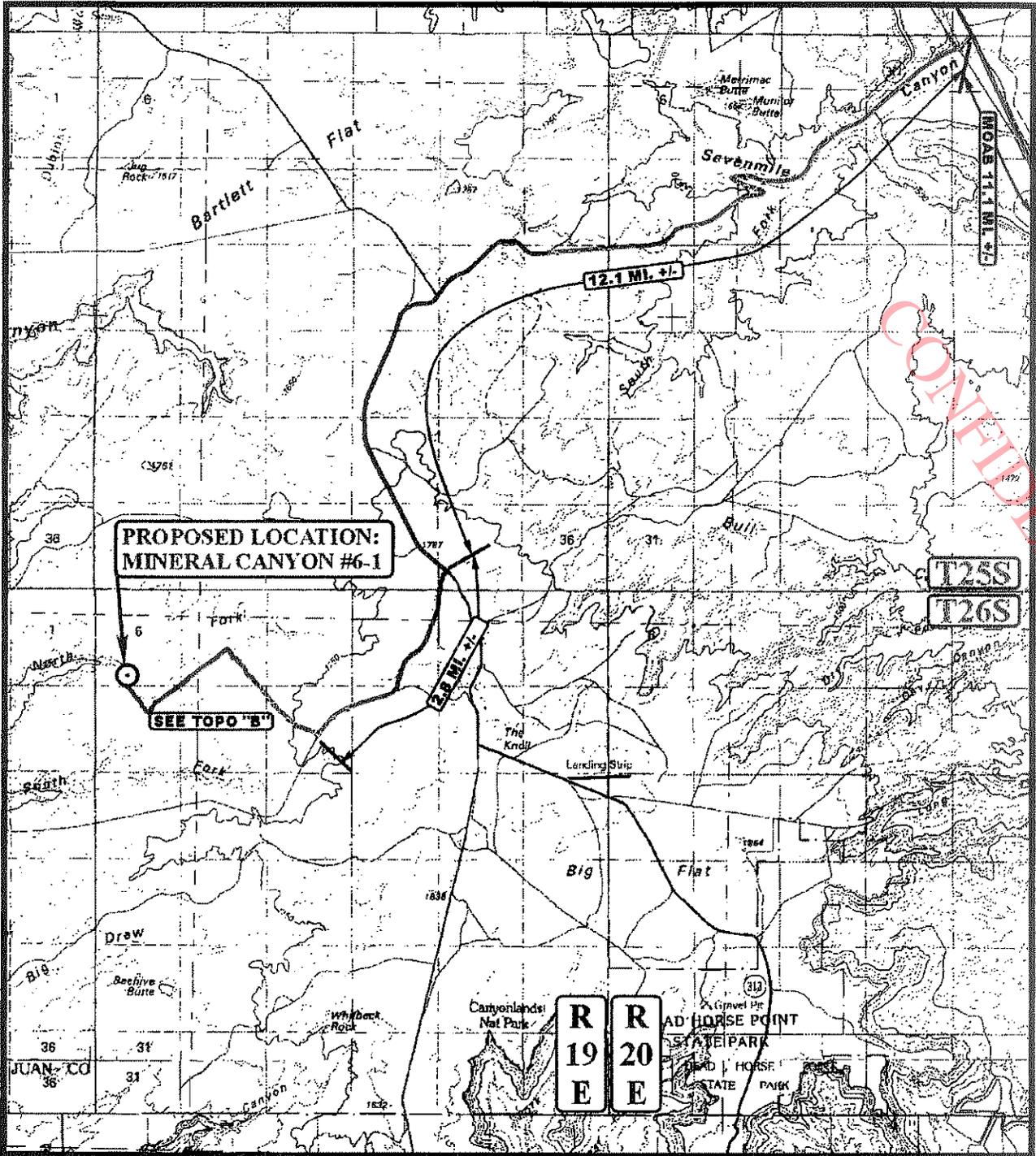
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 08-27-08 S.L.

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

SCALE 1" = 1000'	DATE SURVEYED: 07-15-08	DATE DRAWN: 08-04-08
PARTY L.K. D.D. C.C.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE FIDELITY EXPLR. & PROD. CO.	



**PROPOSED LOCATION:
MINERAL CANYON #6-1**

SEE TOPO "B"

**T25S
T26S**

**R
19
E
R
20
E**

LEGEND:

⊙ PROPOSED LOCATION

FIDELITY EXPLR. & PROD. CO.

**MINERAL CANYON #6-1
SECTION 6, T26S, R19E, S.L.B.&M.
519' FSL 2021' FWL**



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

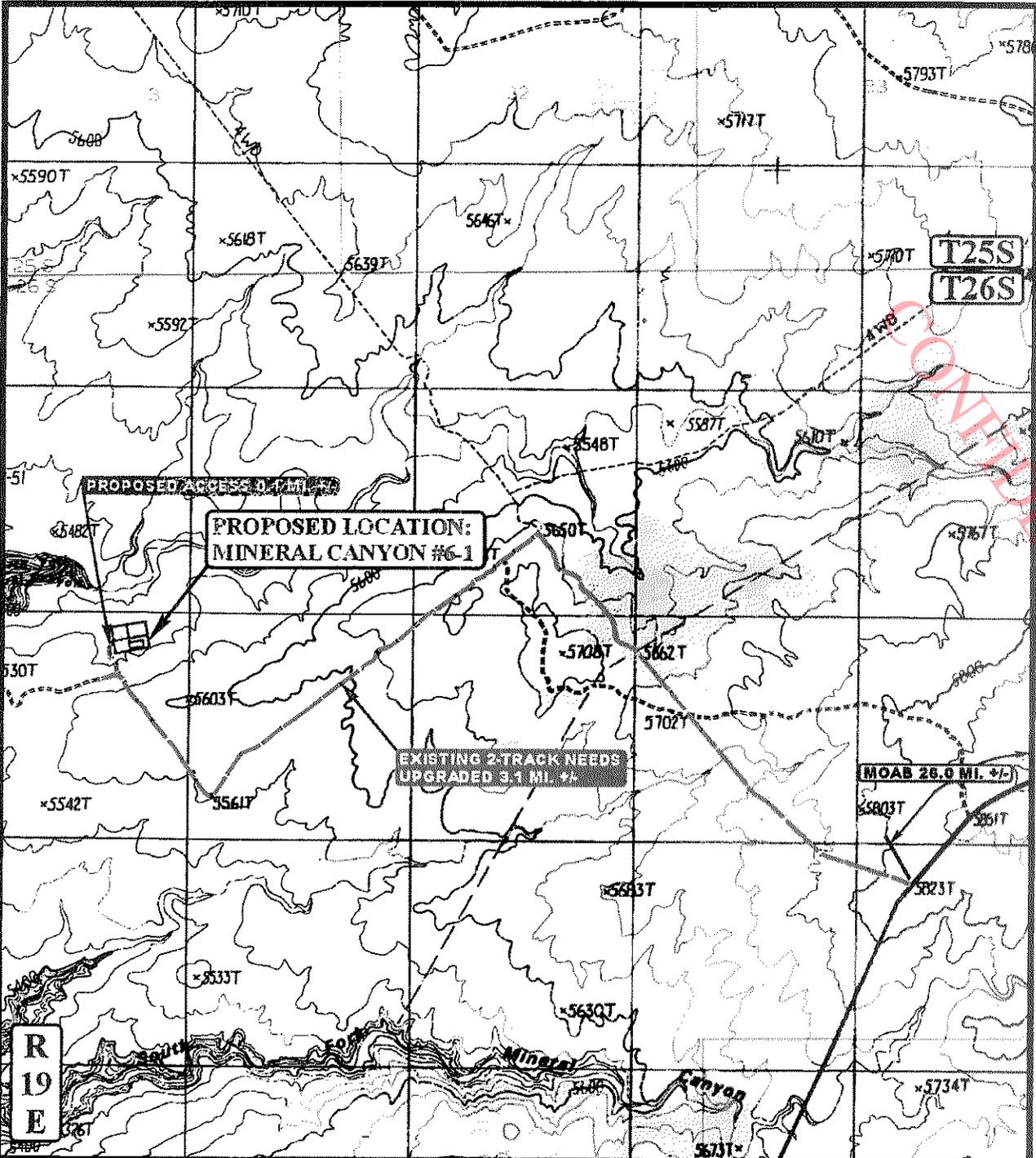


**TOPOGRAPHIC
MAP**

**08 05 08
MONTH DAY YEAR**

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 08-28-08



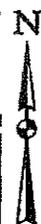


LEGEND:

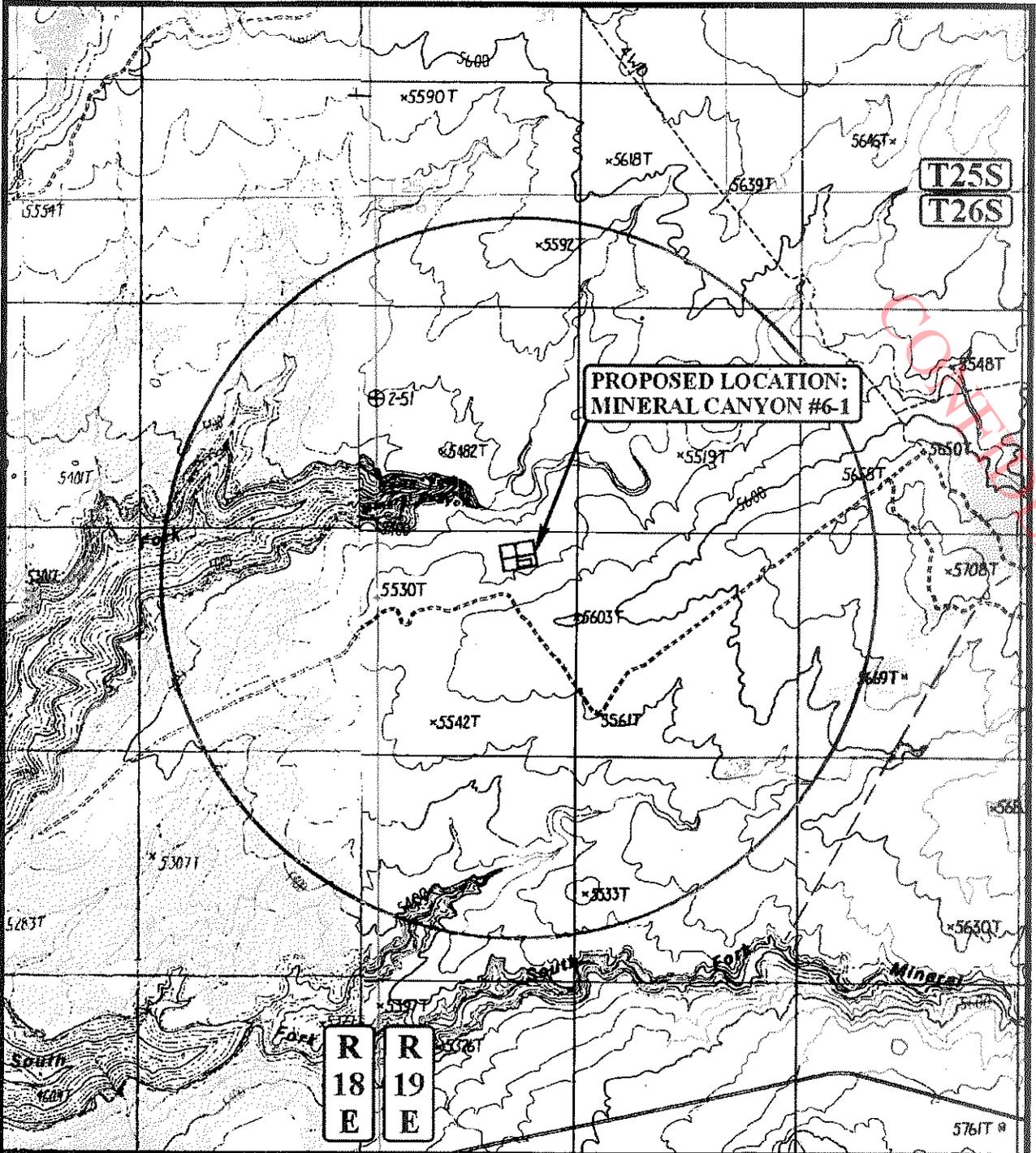
- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

FIDELITY EXPLR. & PROD. CO.
 MINERAL CANYON #6-1
 SECTION 6, T26S, R19E, S.L.B.&M.
 519' FSL 2021' FVL

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



TOPOGRAPHIC MAP 08 05 08
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 08-28-08 **B**
 TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- ⊕ SHUT IN WELLS
- ⊙ WATER WELLS
- ⊖ ABANDONED WELLS
- ⊙ TEMPORARILY ABANDONED

FIDELITY EXPLR. & PROD. CO.

**MINERAL CANYON #6-1
SECTION 6, T26S, R19E, S.L.B.&M.
519' FSL 2021' FWL**



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



**TOPOGRAPHIC
MAP**

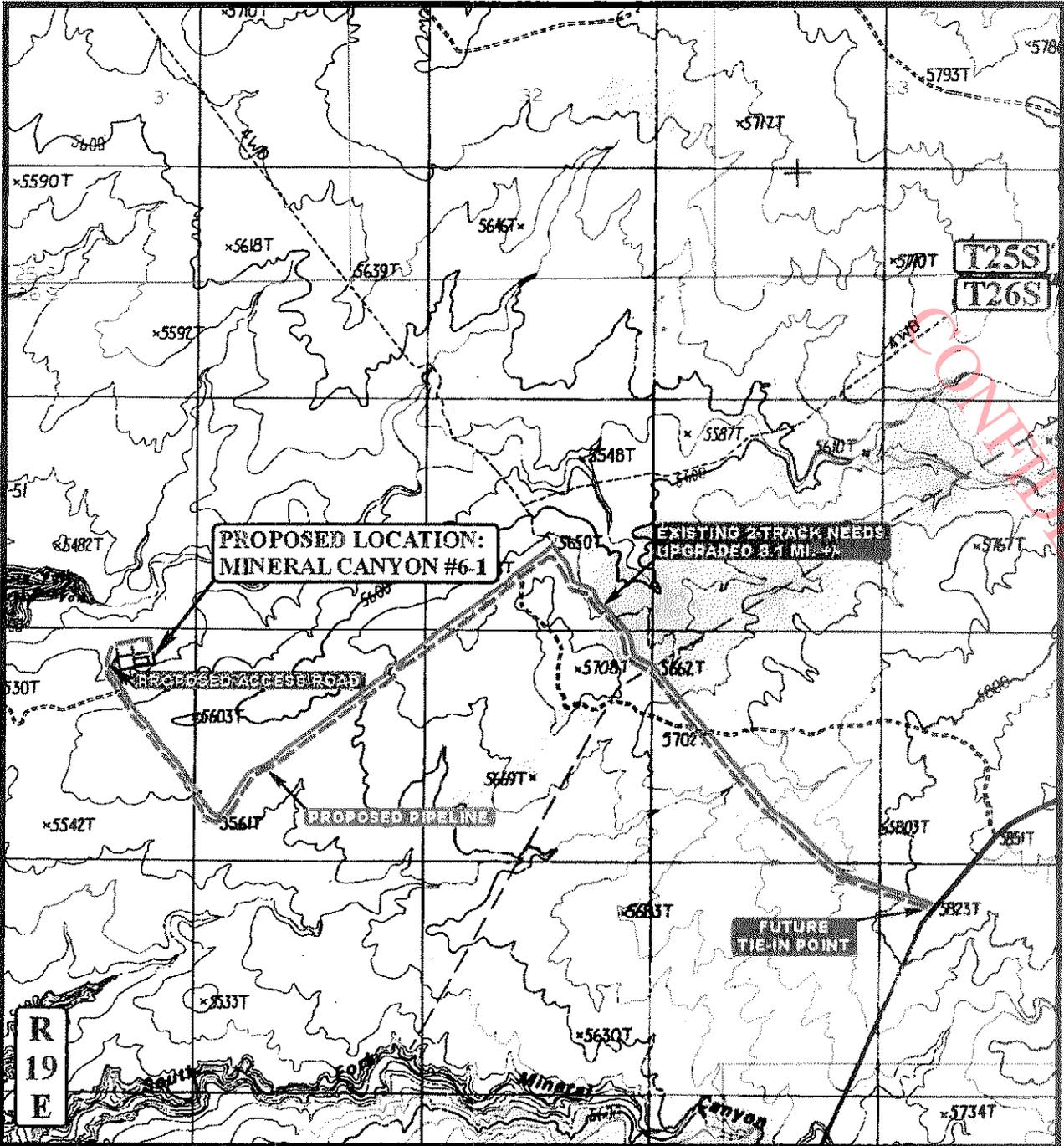
08	05	08
MONTH	DAY	YEAR

SCALE: 1" = 2000'

DRAWN BY: J.J.

REVISED: 08-28-08





APPROXIMATE TOTAL PIPELINE DISTANCE = 17.692' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING 2-TRACK NEEDS UPGRADED

FIDELITY EXPLR. & PROD. CO.

MINERAL CANYON #6-1
SECTION 6, T26S, R19E, S.L.B.&M.
519' FSL 2021' FWL

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



TOPOGRAPHIC MAP 08 28 08
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00 **D**
TORO

CONFIDENTIAL

U-08-GB-0595b

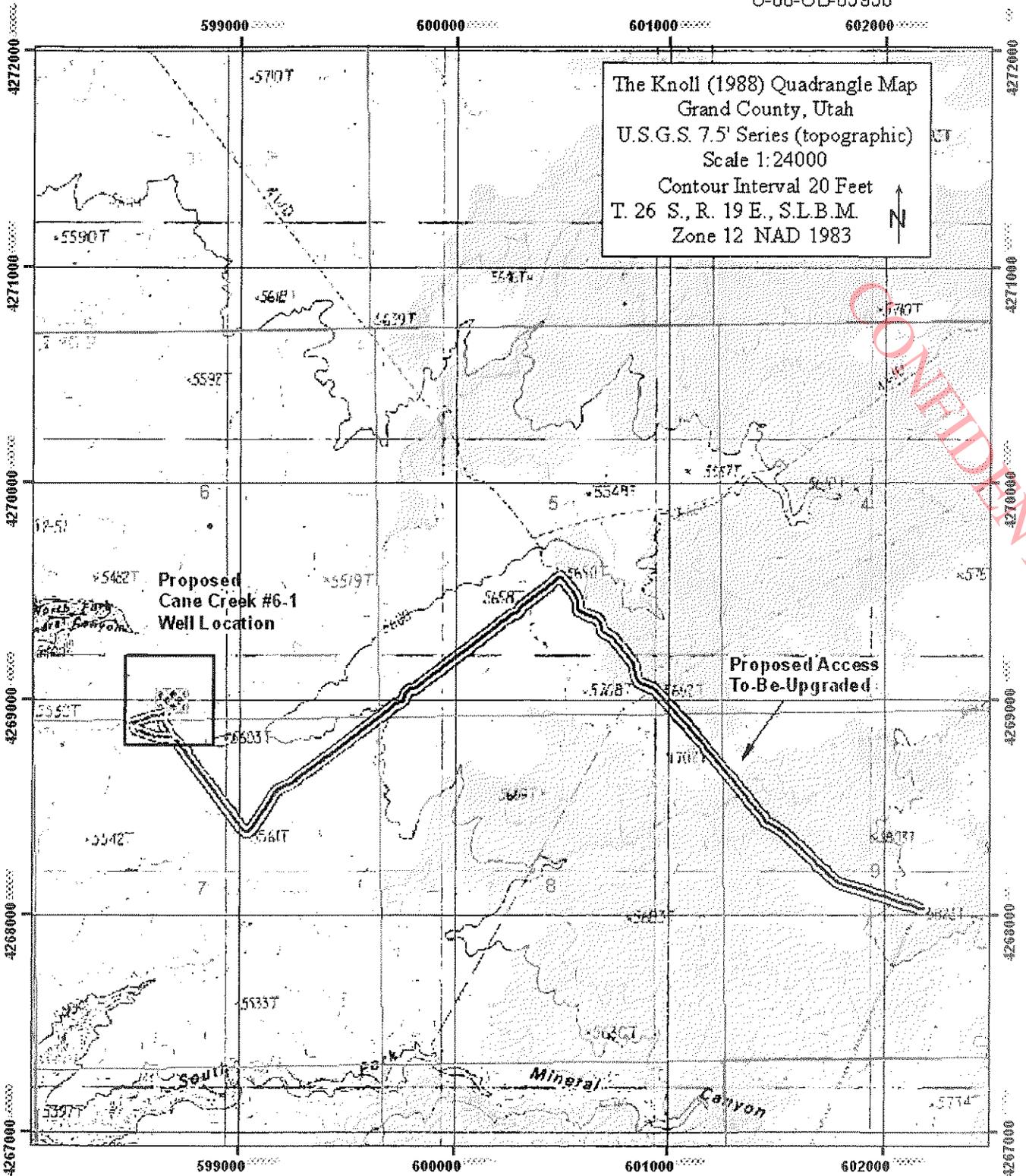


Figure 1. Project location map for the Class III cultural resources inventory for the proposed Cane Creek #6-1 well location and to-be-upgraded access in Grand County, Utah for Fidelity Exploration and Production, Co. Areas surveyed are highlighted. [U-08-GB-0595b, GRI Project #2864, 7/30/08]

FIDELITY EXPLR. & PROD. CO.
MINERAL CANYON #6-1
LOCATED IN GRAND COUNTY, UTAH
SECTION 6, T26S, R19E, S.L.B.&M.

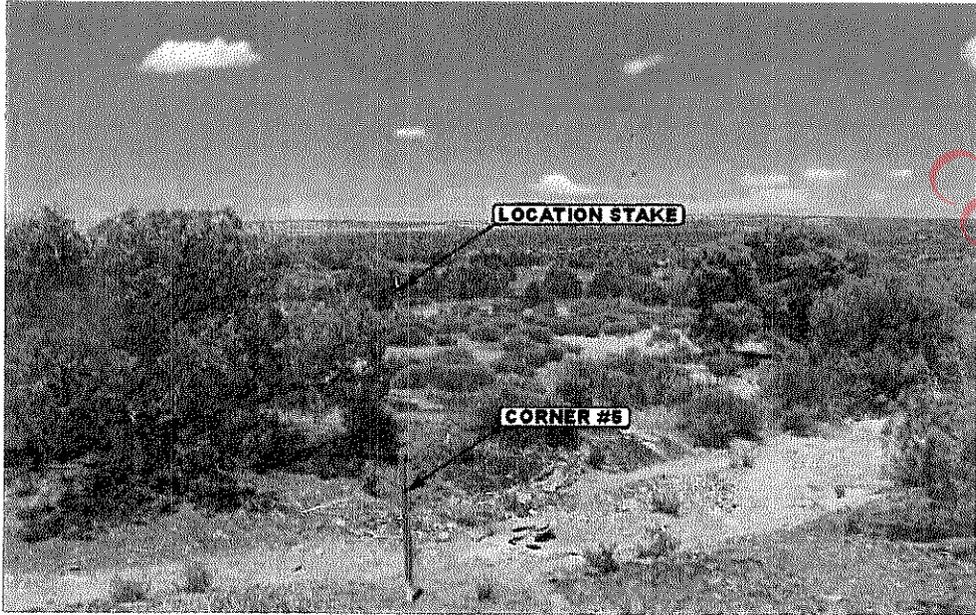


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

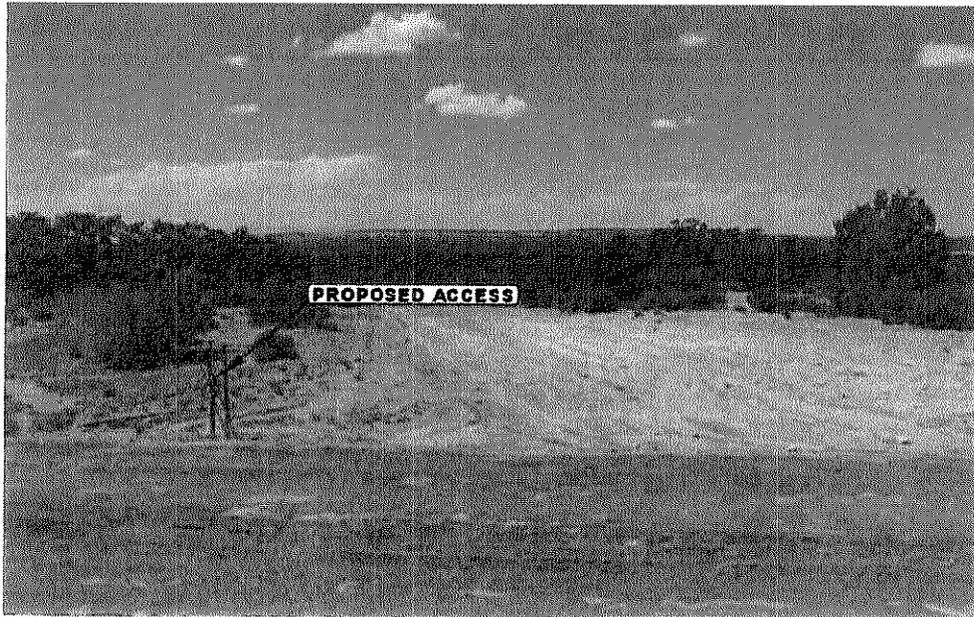


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS	08	05	08	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: J.I.	REVISED: 00-00-00		

Fidelity Exploration and Production
Mineral Canyon 6-1
519' FSL & 2021' FWL
SESW Sec 6 T26S R20E
Grand Utah

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 exist; 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. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 7 day of October, 2008.



Harvey Dunham

Asset Team Manager-Southern Rockies

Title

1700 Lincoln St Suite 2800 Denver CO 80203

Address

(720) 956-5769

Telephone

harvey.dunham@fidelityepco.com

E-mail



Form 3150-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

24. Attachments

4. Bond coverage statement

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Fidelity Exploration and Production Company with its BLM bond number CO1395.

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A handwritten signature in cursive script that reads "Stephanie Masters". The signature is written in black ink and is positioned above a horizontal line.

Stephanie Masters Operations Technician

Plan: WELL SCHEMATIC

Well Name: Mineral Canyon # 6-1
API #: _____

Spud Date: _____

Rig Release Date: _____

**FILL IN ALL BLANKS
ON FORM**

Conductor Casing Date set _____ New Used
 Size 20 in
 Set at 80 ft
 Wt. 94 ppf Grade J55
 Hole Size 26 in
 Wash Out N/A %
 Est. T.O.C. Surface ft

Csg Shoe @ 80 ft

Surface Casing Date set _____ New Used
 Size 13-3/8" in
 Wt. 54.5 ppf Grade J55 from 0 to 1500 ft
 Wt. _____ ppf Grade _____ from _____ to _____ ft
 Hole Size 17-1/2 in
 Wash Out N/A % Est. T.O.C. Surf. ft

Csg Shoe @ 1500 ft

Intermediate Casing Date set _____ New Used
 Size 9-5/8 in
 Wt. 40 ppf Grade N80 from 0 to 3929 ft
 Wt. _____ ppf Grade _____ from _____ to _____ ft
 Hole Size 12-1/4 in
 Wash Out N/A % Est. T.O.C. 3429 ft

Csg Shoe @ 3929 ft

Production Casing Date set _____ New Used
 Size 7 in
 Wt. 29 ppf Grade P110 from 0 to 3929 ft
 Wt. 35 ppf Grade P110 from 3929 to 7350 ft
 PBTD _____ ft (top of Float Collar)
 Hole Size 8-1/2 in Wash Out: _____ %
 Est. T.O.C. 3700 ft
 Marker Jt. Top _____ ft Length: _____ ft

Csg Shoe @ 7350 ft

TD @ 7,350 ft

Cement Date cmt'd: _____
 Lead : 102 sx of Prem.Cmt. w/ Additives
Y-1.17 cuft/sx. , Wt. 15.5 ppg
 Tail : _____
 Note : _____

Shoe Test : _____ EMW
 W.O.C. for _____ hrs (plug bump to drlg cmt)

Cement Date cmt'd: _____
 1st stage : L-90 sx of Prem Lite Cmt. w/ Additives
T-116 sx. Of Class G type w/ additives
 2nd Stage : L-220 sx. Prem. Lite Cmt. w/ additives
T-38 sx Class G type w/ additives
 Note : DV tool at 750'

Mud Wt. = _____ ppg @ TD
 Shoe Test : _____ EMW
 W.O.C. for _____ hrs (plug bump to drlg cmt)

Cement Date cmt'd: _____
 Lead : 122 sx of Prem Cmt. w/ Additives
Y-1.2 cuft/sx, Wt. 15.5 ppg
 Tail : _____
 Note : _____

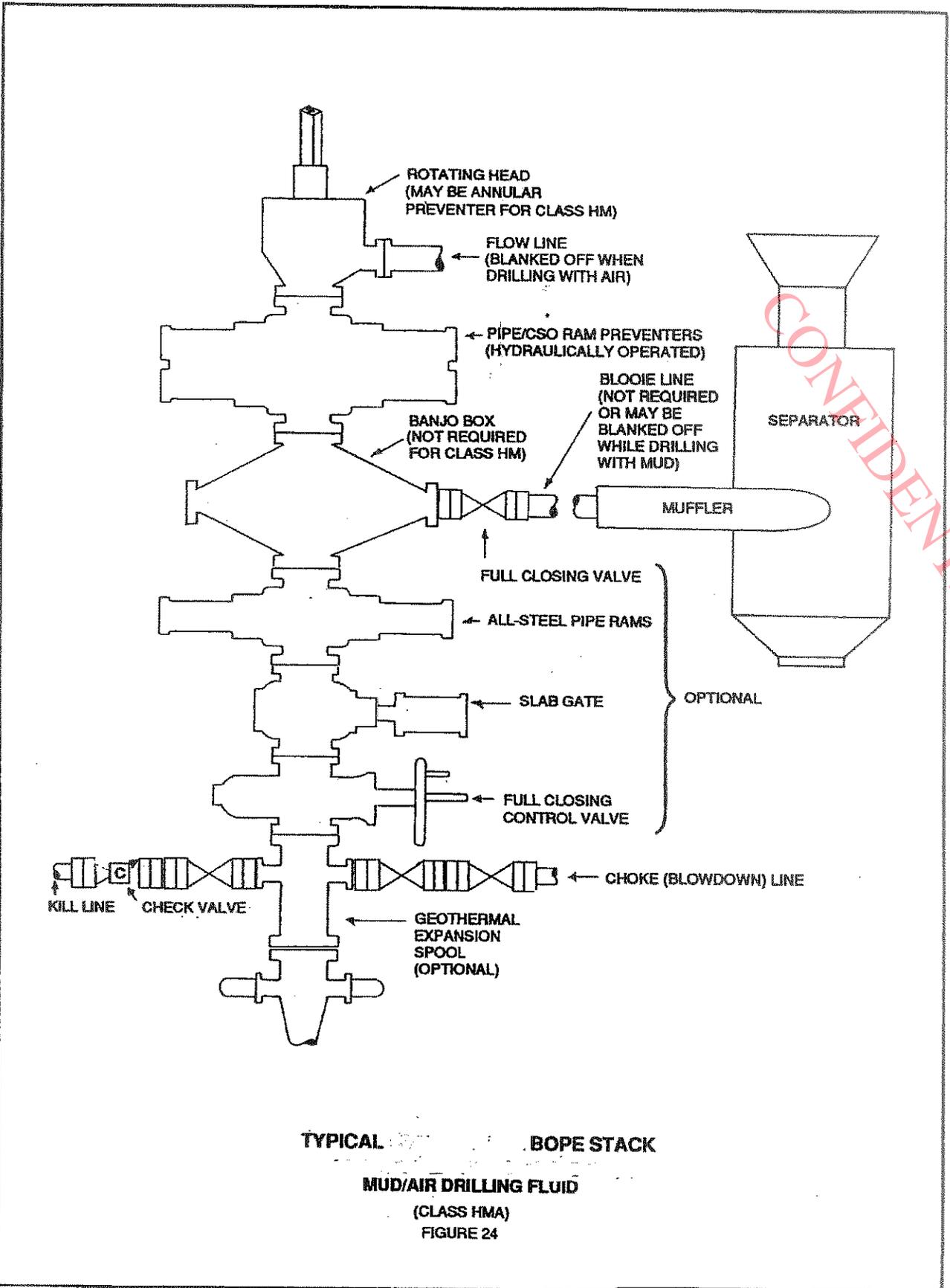
Mud Wt. = _____ ppg @ TD
 Shoe Test : _____ EMW
 W.O.C. for _____ hrs (plug bump to drlg cmt)

Cement Date cmt'd: _____
 Lead : 781 sx. Prem.Cmt. w/ Additives
Y-1.2 cuft/sx., Wt. 15.8 ppg
 Tail : _____
 Displacement Fluid: _____

Mud Wt. = 14.5 ppg @ TD

CENTRALIZER LOCATION:

Surface:	_____	Total:	_____
Intermediate #1:	_____	Total:	_____
Intermediate #2:	_____	Total:	_____
Production:	_____	Total:	_____
Notes:	_____		



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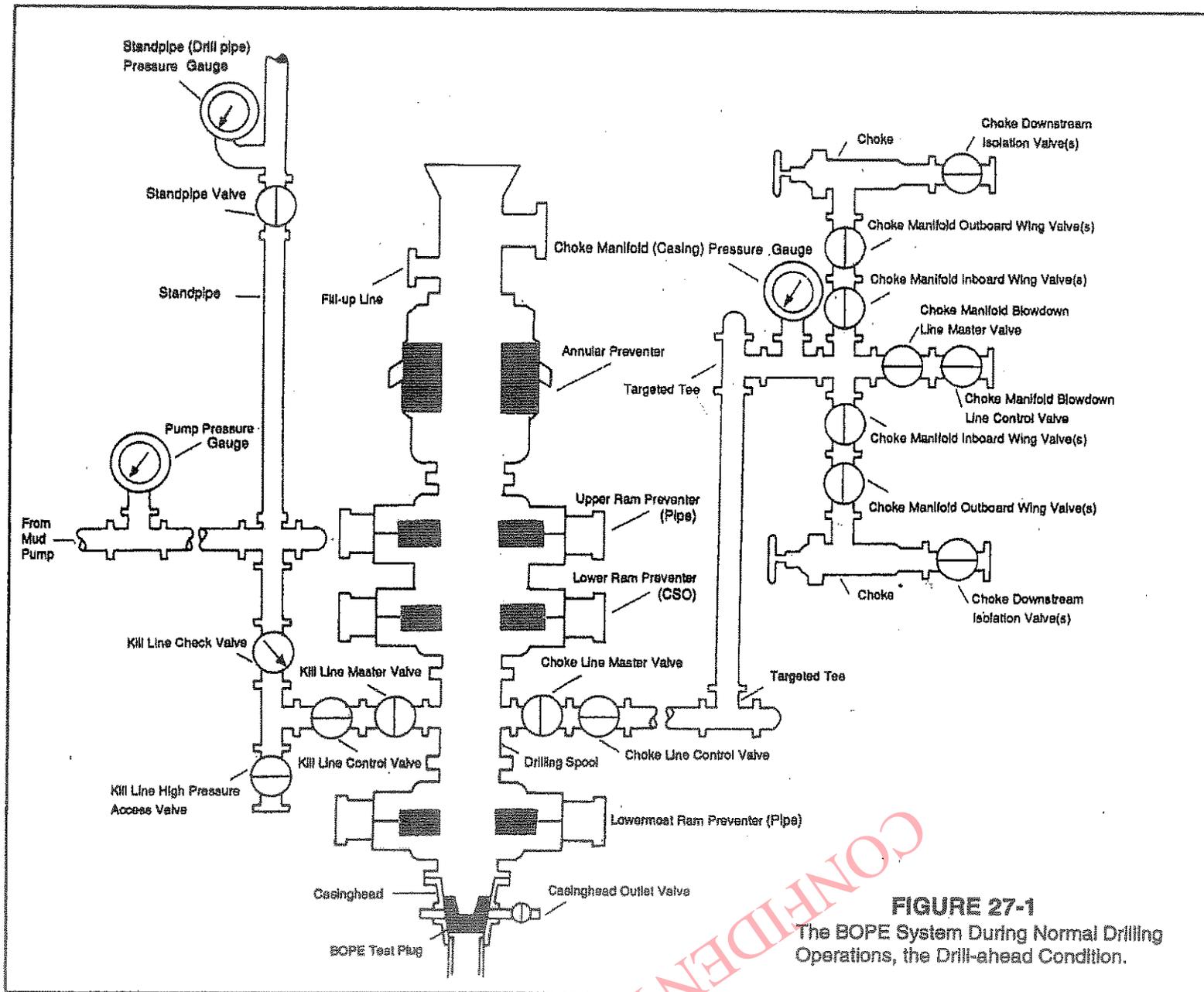


FIGURE 27-1
The BOPE System During Normal Drilling Operations, the Drill-ahead Condition.

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API Number: 4301950001
Well Name: Mineral Canyon 6-1
Township 26.0 S Range 19.0 E Section 6
Meridian: SLBM
Operator: FIDELITY E&P COMPANY

Map Prepared:
Map Produced by Diana Mason

- | | |
|---------------|---------------------------|
| Units | Wells Query Events |
| STATUS | <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | <Null> |
| GAS STORAGE | APD |
| NF PP OIL | DRL |
| NF SECONDARY | GI |
| PI OIL | GS |
| PP GAS | LA |
| PP GEOTHERML | NEW |
| PP OIL | OPS |
| SECONDARY | PA |
| TERMINATED | PGW |
| Fields | POW |
| STATUS | RET |
| ACTIVE | SGW |
| COMBINED | SOW |
| Sections | TA |
| Township | TW |
| | WD |
| | WI |
| | WS |
| | Bottom Hole Location |

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1
T 26 S R 18 E

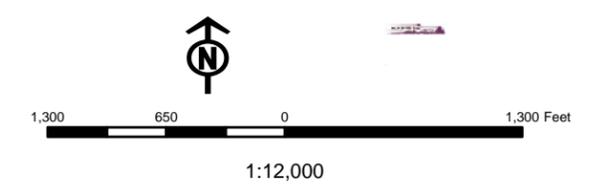
4301950001
Mineral Canyon 6-1
T 26 S R 19 E

5

12

7

8





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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: Mineral Canyon 6-1
API Well Number: 43019500010000
Lease Number: UT-U78031
Surface Owner: FEDERAL
Approval Date: 11/25/2008

Issued to:

FIDELITY E&P COMPANY, 2585 Heartland Drive, Sheridan, WY 82801

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 Rule R649-3-2.

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

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.

Notification Requirements:

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

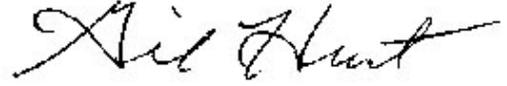
Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

A handwritten signature in black ink that reads "Gil Hunt". The signature is written in a cursive style with a long horizontal stroke at the end.

Gil Hunt
Associate Director, Oil & Gas

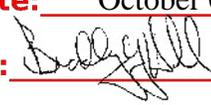
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UT-U78031
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter 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:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MINERAL CANYON 6-1
2. NAME OF OPERATOR: FIDELITY E&P COMPANY	9. API NUMBER: 43019500010000
3. ADDRESS OF OPERATOR: 2585 Heartland Drive , Sheridan, WY, 82801 8543	PHONE NUMBER: 303 893-3133 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0519 FSL 2021 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 6 Township: 26.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: GRAND STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/25/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Fidelity would like to request an APD extension on the referenced well.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: October 05, 2009
 By: 

NAME (PLEASE PRINT) Stephanie Masters	PHONE NUMBER 307 675-4924	TITLE Operations Tech
SIGNATURE N/A	DATE 10/2/2009	



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 43019500010000

API: 43019500010000

Well Name: MINERAL CANYON 6-1

Location: 0519 FSL 2021 FWL QTR SESW SEC 6 TWP 260S RNG 190E MER S

Company Permit Issued to: FIDELITY E&P COMPANY

Date Original Permit Issued: 11/25/2008

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

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Stephanie Masters

Date: 10/2/2009

Title: Operations Tech

Representing: FIDELITY E&P COMPANY

Date: October 05, 2009

By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-78031
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:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MINERAL CANYON 6-1
2. NAME OF OPERATOR: FIDELITY E&P COMPANY	9. API NUMBER: 43019500010000
3. ADDRESS OF OPERATOR: 2585 Heartland Drive , Sheridan, WY, 82801 8543	PHONE NUMBER: 303 893-3133 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0519 FSL 2021 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 06 Township: 26.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: GRAND STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/11/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Fidelity would like to request an APD extension on the referenced well.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: 01/13/2011
By:

NAME (PLEASE PRINT) Stephanie Masters	PHONE NUMBER 307 675-4924	TITLE Operations Tech
SIGNATURE N/A	DATE 1/12/2011	



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 43019500010000

API: 43019500010000

Well Name: MINERAL CANYON 6-1

Location: 0519 FSL 2021 FWL QTR SESW SEC 06 TWNP 260S RNG 190E MER S

Company Permit Issued to: FIDELITY E&P COMPANY

Date Original Permit Issued: 11/25/2008

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

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Stephanie Masters

Date: 1/12/2011

Title: Operations Tech

Representing: FIDELITY E&P COMPANY

Date: 01/13/2011

By:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-78031
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:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MINERAL CANYON 6-1
2. NAME OF OPERATOR: FIDELITY E&P COMPANY	9. API NUMBER: 43019500010000
3. ADDRESS OF OPERATOR: 2585 Heartland Drive , Sheridan, WY, 82801 8543	PHONE NUMBER: 303 893-3133 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0519 FSL 2021 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 06 Township: 26.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: GRAND STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/2/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Fidelity would like to request an APD extension on the referenced well.

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/05/2011

By: 

NAME (PLEASE PRINT) Stephanie Masters	PHONE NUMBER 307 675-4924	TITLE Operations Tech
SIGNATURE N/A	DATE 12/2/2011	



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 43019500010000

API: 43019500010000

Well Name: MINERAL CANYON 6-1

Location: 0519 FSL 2021 FWL QTR SESW SEC 06 TWP 260S RNG 190E MER S

Company Permit Issued to: FIDELITY E&P COMPANY

Date Original Permit Issued: 11/25/2008

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.

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- 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: Stephanie Masters

Date: 12/2/2011

Title: Operations Tech

Representing: FIDELITY E&P COMPANY

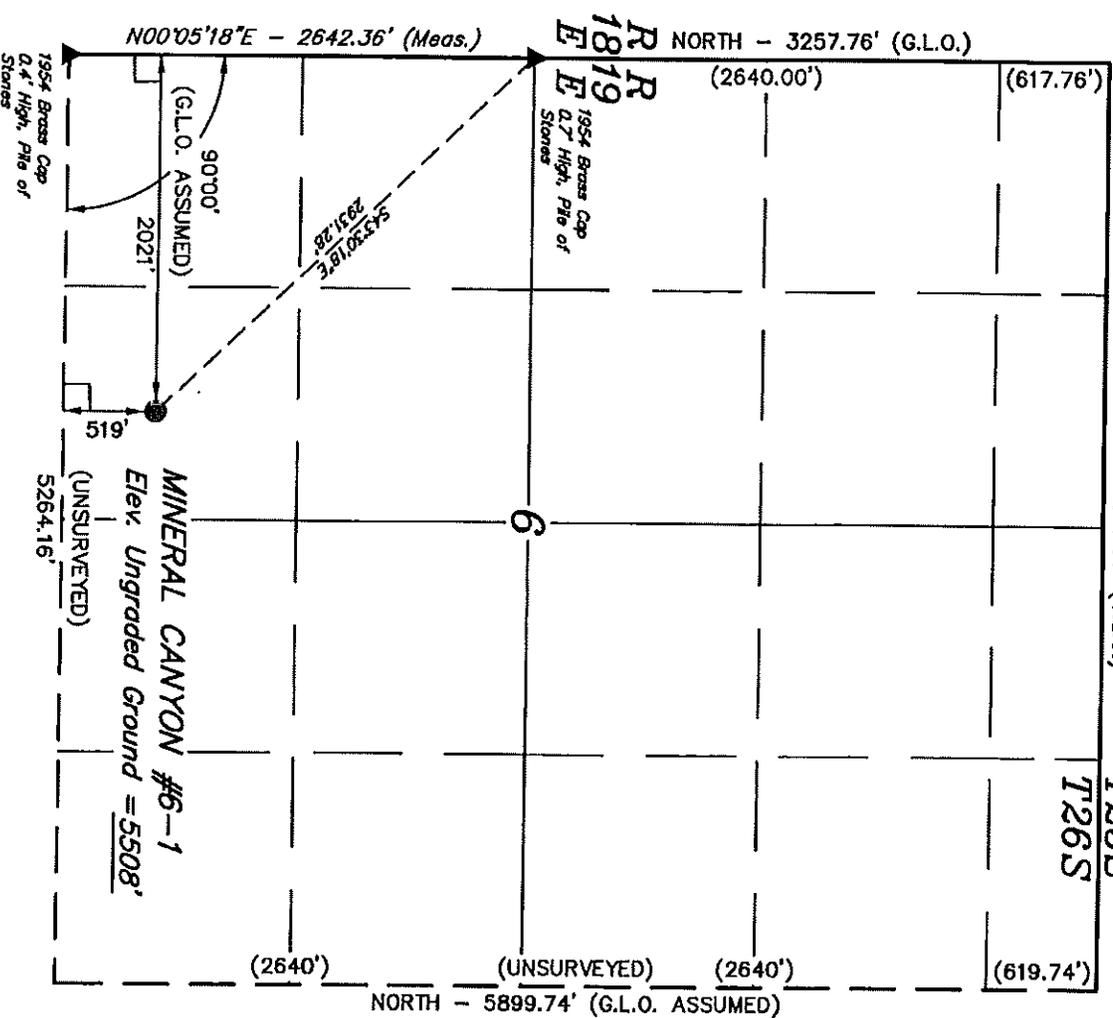
T26S, R19E, S.L.B.&M.

WEST - 5260.86' (G.L.O.)

T25S
T26S

(617.76')
(2640.00')
(2640')
(2640')
(619.74')

NORTH - 5899.74' (G.L.O. ASSUMED)



LEGEND:

- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
- (NAD 83)
 LATITUDE = 38°33'52.44" (38.564567)
 LONGITUDE = 109°52'03.48" (109.867633)
 (NAD 27)
 LATITUDE = 38°33'52.51" (38.564586)
 LONGITUDE = 109°52'01.04" (109.866956)

FIDELITY EXPLR. & PROD. CO.

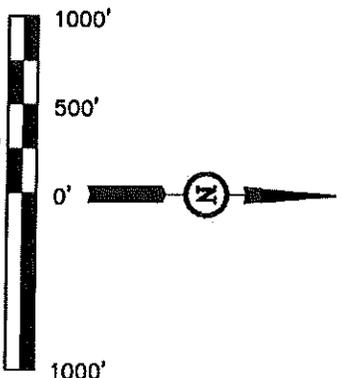
Well location, MINERAL CANYON #6-1, located as shown in the SE 1/4 SW 1/4 of Section 6, T26S, R19E, S.L.B.&M., Grand County, Utah.

BASIS OF ELEVATION

PLATEAU AZIMUTH TRIANGULATION STATION LOCATED IN THE SW 1/4 SE 1/4 CORNER OF SECTION 17, T26S, R20E, S.L.B.&M. TAKEN FROM THE GOLD BAR CANYON QUADRANGLE, UTAH, GRAND COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6114 FEET.

BASIS OF BEARINGS

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



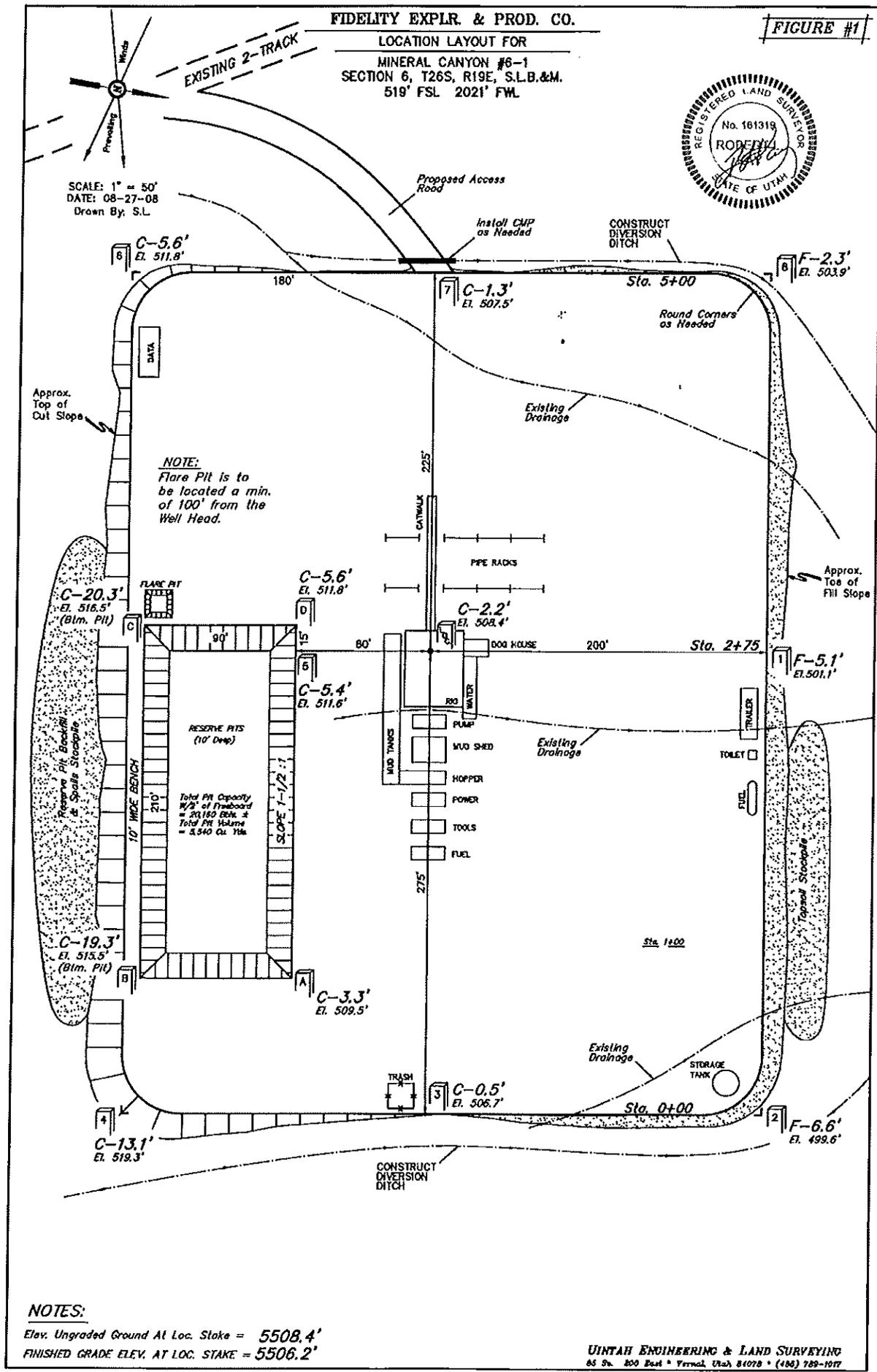
CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE RECORDED LAND FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 KAY
 REGISTRATION NO. 161318
 STATE OF UTAH

REVISED: 08-27-08 S.L.

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

SCALE 1" = 1000'	DATE SURVEYED: 07-15-08	DATE DRAWN: 08-04-08
PARTY L.K. D.D. C.C.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE	FIDELITY EXPLR. & PROD. CO.



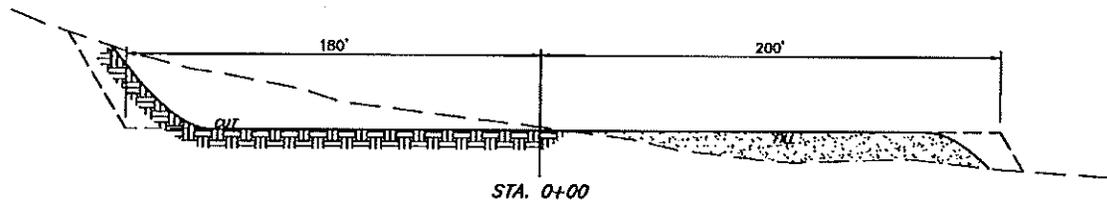
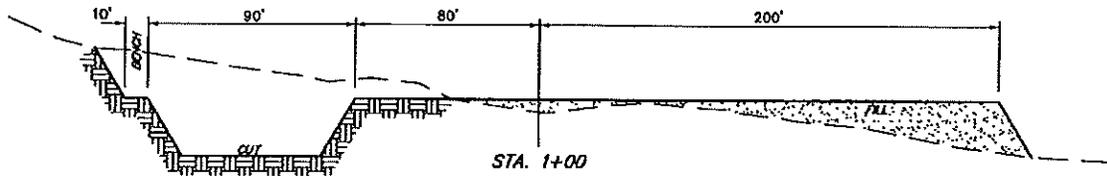
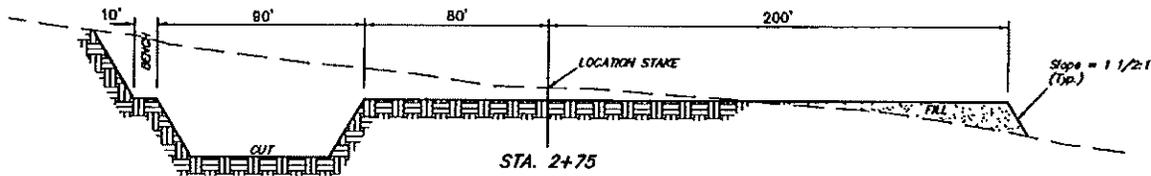
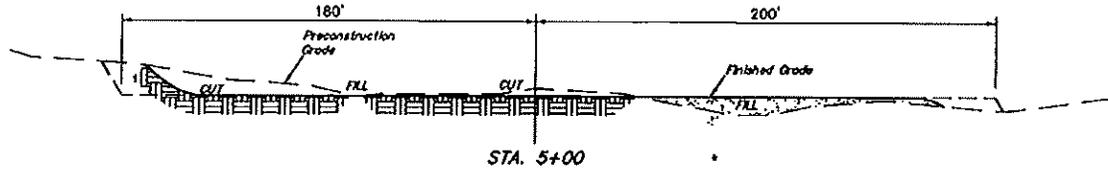
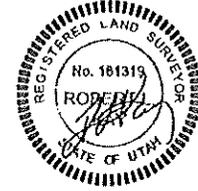
FIDELITY EXPLR. & PROD. CO.

TYPICAL CROSS SECTIONS FOR

MINERAL CANYON #6-1
SECTION 6, T26S, R19E, S.L.B.&M.
519' FSL 2021' FWL

FIGURE #2

1" = 20'
X-Section
Scale
1" = 50'
DATE: 08-27-08
Drawn By: S.L.



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

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(8") Topsoil Stripping	= 3,900 Cu. Yds.
Remaining Location	= 19,000 Cu. Yds.
TOTAL CUT	= 22,900 CU.YDS.
FILL	= 16,230 CU.YDS.

EXCESS MATERIAL	= 6,670 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,670 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 900 East • Vernal, Utah 84078 • (435) 789-1077



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

March 4, 2013

Fidelity E&P Company
2585 Heartland Drive
Sheridan, WY 82801

Re: APD Rescinded – Mineral Canyon 6-1, Sec. 6, T.26S, R.19E,
Grand County, Utah API No. 43-019-50001

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 25, 2008. On October 5, 2009, January 13, 2011 and December 5, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 4, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Moab

